

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: DUNC DIAZ Examiner #: 20717 Date: 7/6/05 10:19, 905  
 Art Unit: 2150 Phone Number 30: 23943 Serial Number: 10174 363 6774343  
 Mail Box and Bldg/Room Location: Box 4A 54 Results Format Preferred (circle): PAPER DISK E-MAIL 345

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Real-time communication between user

Inventors (please provide full names): Ludmila Leiter

Earliest Priority Filing Date: 10/1/93

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Log-on signed in

Directory or listing of users who logged in and  
facilitates real time communication -

(this is known now as the - instant messaging)

RECEIVED  
JUL 08 2005

BY: \_\_\_\_\_

## STAFF USE ONLY

## Type of Search

## Vendors and cost where applicable

Searcher: <u>David Holloway</u>	NA Sequence (#):	STN
Searcher Phone #: <u>2-3528</u>	AA Sequence (#):	Dialog <u>1042 0%</u>
Searcher Location: <u>RND 4B19</u>	Structure (#):	Questel/Orbit
Date Searcher Picked Up: <u>6-12-5</u>	Bibliographic	Dr. Link
Date Completed: <u>6-17-5</u>	Litigation	Lexis/Nexis
Searcher Prep & Review Time: <u>50</u>	Fulltext	Sequence Systems
Clerical Prep Time: _____	Patent Family	WWW/Internet
Online Time: <u>175</u>	Other	Other (specify)

Set	Items	Description
S1	40576	TELECONF? OR VIDEOCONF? OR (TELE OR VIDEO) () (MESSAG? OR CONFERENCE?) OR CHATROOM? OR CHAT()ROOM? ? OR IRC OR INTERNET()RELAY() (CHAT OR CHATS OR CHATTING) OR (NETWORKED OR DISTRIBUTED OR SHARED) () (WORKSPACE? OR WORK()SPACE? ? OR WHITEBOARD?)
S2	1462225	CHAT OR CHATTING OR CHATS OR TEXT OR TYPED OR WORDS OR PHRASES OR WRITTEN OR TEXTUAL OR DOCUMENT?
S3	4830078	DESKTOP? OR WORKSTATION? OR COMPUTER OR PC OR NETWORK()NODE? OR WORK()STATION? OR TERMINAL? ?
S4	3295948	MEMBER? OR USER? OR INDIVIDUAL? OR PERSON OR CALLER? ? OR SPEAKER? OR RECIPIENT? OR SENDER?
S5	2686542	ADDRESS? OR LOCATION? OR WHEREABOUT? OR CONNECTION? OR PLACE OR PLACES OR MAILBOX?
S6	27518	LOGIN OR LOGON OR (SIGN OR LOG OR LOGS OR LOGGING OR LOGGED OR SIGNED OR SIGNING) () (IN OR ON) OR ESTABLISH() CONNECTION? - OR SIGNON? OR SIGNING?
S7	4736655	REALTIME? OR DYNAMIC? OR INTERACTIV? OR LIVE? OR ON()FLY OR REAL()TIME?
S8	3715	(ADDRESS OR CONTACT) (N) (BOOK OR BOOKS OR LIST OR LISTS) OR MAILBOX? OR MAIL() (BOX OR BOXES) OR ADDRESSBOOK?
S9	2749	BBS OR (ONLINE OR ON()LINE OR COMPUTER?) () BULLETIN()BOARD?
S10	3724	(S1 OR S9) AND S2
S11	984	S10 AND S7
S12	574	S11 AND (S4 OR S5 OR S6 OR S8)
S13	135	S12 NOT PY>1993
S14	109	RD (unique items)
S15	109	S14 NOT PD=19931001:19961001
S16	109	S15 NOT PD=19961001:19991001
S17	109	S16 NOT PD=19991001:20021001
S18	109	S17 NOT PD=20021001:20041001
S19	3497	(S1 OR S9) (3N) (S2 OR COMMUNICAT?)
S20	25	S18 AND S19
File	8:Ei Compendex(R) 1970-2005/Jul W1	
	(c) 2005 Elsevier Eng. Info. Inc.	
File	35:Dissertation Abs Online 1861-2005/Jun	
	(c) 2005 ProQuest Info&Learning	
File	65:Inside Conferences 1993-2005/Jul W2	
	(c) 2005 BLDSC all rts. reserv.	
File	2:INSPEC 1969-2005/Jul W1	
	(c) 2005 Institution of Electrical Engineers	
File	94:JICST-EPlus 1985-2005/May W4	
	(c) 2005 Japan Science and Tech Corp(JST)	
File	111:TGG Natl.Newspaper Index(SM) 1979-2005/Jul 12	
	(c) 2005 The Gale Group	
File	6:NTIS 1964-2005/Jul W1	
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File	144:Pascal 1973-2005/Jul W1	
	(c) 2005 INIST/CNRS	
File	34:SciSearch(R) Cited Ref Sci 1990-2005/Jul W1	
	(c) 2005 Inst for Sci Info	
File	99:Wilson Appl. Sci & Tech Abs 1983-2005/Jun	
	(c) 2005 The HW Wilson Co.	
File	95:TEME-Technology & Management 1989-2005/Jun W1	
	(c) 2005 FIZ TECHNIK	

20/5/2 (Item 2 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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03638853 E.I. No: EIP93040750325  
Title: Supporting real - time analysis of multimedia communication sessions  
Author: Koegel, John F.; Rutledge, John L.; Miner, Richard A.; Krolak, Patrick D.  
Corporate Source: Univ. of Massachusetts/Lowell, Lowell, MA, USA  
Conference Title: Enabling Technologies for High-Bandwidth Applications  
Conference Location: Boston, MA, USA Conference Date: 09/08/1992  
Sponsor: SPIE - Int Soc for Opt Engineering, Bellingham, WA, USA  
E.I. Conference No.: 18369  
Source: Proceedings of SPIE - The International Society for Optical Engineering v 1785 1993. Publ by Int Soc for Optical Engineering, Bellingham, WA, USA. p 165-174  
Publication Year: 1993  
CODEN: PSISDG ISSN: 0277-786X ISBN: 0-8194-0964-2  
Language: English  
Document Type: CA; (Conference Article) Treatment: T; (Theoretical); A; (Applications)  
Journal Announcement: 9307W3  
Abstract: We have developed a set of **interactive** tools for collecting, annotating, and analyzing group communication sessions. These tools have been used to model group meetings which we have enacted on our computer-based **video conferencing** system as well as single location meetings. The purpose of this work is to support the analysis of group meetings over computer-based **video conferencing** systems. The resulting analysis can be used for various purposes including creating meeting summaries, identifying communication patterns, facilitating group communication, and suggesting agendas for follow-on meetings. The current system is used for off-line annotation and analysis of communication sessions which involve various parallel media tracks including the video and audio component for each participant, the **text** transcription of the meeting, and various **documents** and media forms referenced during the session. In this paper we review these tools and describe an architecture for employing these techniques for **real - time** feedback to a communication session. **Real - time** feedback could include suggestions for materials and **individuals** to include in the current meeting, change of topic, and suggesting problem solving strategies. 9 refs.  
Descriptors: \*Telecommunication systems; **Real time** systems; **Teleconferencing** ; Control systems; Video recording  
Identifiers: Multimedia sessions; Communication sessions; Group communication sessions; Computer based **video conferencing** ; **Text** transcription  
Classification Codes:  
716.4 (Television Systems & Equipment); 723.5 (Computer Applications);  
731.2 (Control System Applications)  
716 (Radar, Radio & TV Electronic Equipment); 723 (Computer Software);  
731 (Automatic Control Principles)  
71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING); 73 (CONTROL ENGINEERING)

20/5/3 (Item 3 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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03481298 E.I. Monthly No: EI9209114121

Title: **Multimedia communications for users** .

Author: Rosenberg, Jonathan; Kraut, Robert E.; Gomez, Louis; Buzzard, C.

Alan

Source: IEEE Communications Magazine v 30 n 5 May 1992 p 20, 23-30,

Publication Year: 1992

CODEN: ICOMD9 ISSN: 0163-6804

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications)

Journal Announcement: 9209

Abstract: Research on next-generation multimedia communications services and technologies within a highly interdisciplinary research program that encompasses behavioral science, computer science, and electrical engineering is discussed. The authors state that they have taken an approach to their research that allows the needs of **users** and the demands of end-to-end applications to shape the future of the multimedia communications network. They use several examples to show how such a perspective affects the development of practical, advanced communications services. These examples span a wide range, including: empirical studies of people's use of technology to communicate in collaborative work settings; the design of software supporting the **real - time** network delivery of **interactive multimedia documents** for casual information **users** in the home; and the creation of next-generation prototypes that support the transmission and viewing of multimedia information in homes, offices and classrooms. 13 Refs.

Descriptors: \*INFORMATION RETRIEVAL SYSTEMS; COMPUTER NETWORKS; TELECONFERENCING ; DIGITAL COMMUNICATION SYSTEMS; COMPUTER AIDED INSTRUCTION

Identifiers: HOME INFORMATION SERVICES; MULTIMEDIA COMMUNICATIONS; **INTERACTIVE MULTIMEDIA DOCUMENTS** ; INFORMATION FILTERING TECHNOLOGY; DOCUMENT DELIVERY

Classification Codes:

723 (Computer Software); 903 (Information Science); 901 (Engineering Profession)

72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING)

20/5/6 (Item 6 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
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02245921 E.I. Monthly No: EIM8705-030327  
Title: BROADBAND ISDN - THE NETWORK OF THE FUTURE: APPLICATIONS AND  
COMPLIANCE WITH USER REQUIREMENTS.

Author: Armbruester, Heinrich  
Corporate Source: Siemens AG, Munich, West Ger  
Conference Title: GLOBECOM'86, IEEE Global Telecommunications Conference:  
Communications Broadening Technology Horizons - Conference Record.  
Conference Location: Houston, TX, USA Conference Date: 19861201  
Sponsor: IEEE Communications Soc, New York, NY, USA; IEEE, Houston  
Section, Houston, TX, USA; IEEE, Galveston Bay Section, TX, USA

E.I. Conference No.: 09431  
Source: Publ by IEEE, New York, NY, USA. Available from IEEE Service Cent  
(Cat n 86CH2298-9), Piscataway, NJ, USA p 484-490

Publication Year: 1986  
Language: English  
Document Type: PA; (Conference Paper)  
Journal Announcement: 8705  
Abstract: Applications of ISDN are examined, including video telephony,  
video conferences, high-speed document traffic and data communication,  
broadband interactive videotex, document retrieval and cabletext as  
well as regular and high-definition television. With the future broadband  
ISDN it will be possible for all services to be offered over a  
single-glass-fiber subscriber line and via standard communication  
interfaces, satisfying the demand and requirements of the office and home.  
11 refs.

Descriptors: \*DIGITAL COMMUNICATION SYSTEMS--\*Voice/Data Integrated  
Services; INFORMATION RETRIEVAL SYSTEMS--Teletext and Videotex;  
TELECONFERENCING ; TELEPHONE EQUIPMENT--Video Telephone; IMAGING TECHNIQUES

Identifiers: BROADBAND ISDN; HIGH-SPEED DOCUMENT TRAFFIC; USER  
REQUIREMENTS

Classification Codes:  
716 (Radar, Radio & TV Electronic Equipment); 718 (Telephone & Line  
Communications); 723 (Computer Software); 903 (Information Science)  
71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING); 90  
(GENERAL ENGINEERING)

20/5/8 (Item 8 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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01873532 E.I. Monthly No: EIM8506-030839  
Title: VIRTUAL MANAGEMENT - THOUGHTS ON A VIRTUAL WORLD VIA COMPUTER

TELE / CONFERENCING .

Author: Cross, Thomas B.

Corporate Source: Cross Information Co, Boulder, CO, USA

Conference Title: Online '83, Conference Proceedings.

Conference Location: Chicago, IL, USA Conference Date: 19831010

Sponsor: Online Inc, Weston, CT, USA

E.I. Conference No.: 06366

Source: Online Conference Proceedings 1983. Publ by Online Inc, Weston, CT, USA p 21-34

Publication Year: 1983

CODEN: OCPRDR

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8506

Abstract: Within **tele / conferencing** , there are a wide range of other technologies available such as audio, audio/graphic, facsimile, slow-scan, and computer- **text** . Computer or **text** **tele / conferencing** is the least known and least understood technology with many advantages compared to other communications. One common myth is that computer **tele / conferencing** is not **tele / conferencing** because it is not in ' **real - time** ' . Computer **tele / conferencing** offers both ' **real - time** ' **interactive text** conferencing and ' **non- real - time** ' asynchronous communication capability. This is sometimes called store-forward where the message is placed in a central **location** and picked up at the convenience of the **recipient** .

Descriptors: \*INFORMATION SERVICES--\*Evaluation; DATA STORAGE, DIGITAL--Virtual; ELECTRONIC MAIL

Identifiers: COMPUTER TELECONFERENCING ; ASYNCHRONOUS COMMUNICATION ; ONLINE INTERACTION CAPABILITY

Classification Codes:

723 (Computer Software); 901 (Engineering Profession)

72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING)

20/5/10 (Item 1 from file: 65)  
DIALOG(R)File 65:Inside Conferences  
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01660769 INSIDE CONFERENCE ITEM ID: CN016929718  
Internet Relay Chat (IRC) - a real - time multi- user computer  
collaborative learning medium

Poon, S.

CONFERENCE: Australian and South Pacific External Studies Association:  
Distance education futures-Biennial forum; 11th

P: 63-72

University of South Australia, 1993

ISBN: 0868030724

LANGUAGE: English DOCUMENT TYPE: Conference Selected papers

CONFERENCE EDITOR(S): Nunan, T.

CONFERENCE SPONSOR: Australian and South Pacific External Studies  
Association

CONFERENCE LOCATION: Adelaide, Australia

CONFERENCE DATE: Jul 1996 (199607) (199607)

BRITISH LIBRARY ITEM LOCATION: 97/00465 Distance

DESCRIPTORS: distance education futures; external studies

20/5/17 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

01832564 INSPEC Abstract Number: B82018867, C82014568

Title: **New Systems and Services in Telecommunications. Proceedings of the International Conference**

Editor(s): Cantraine, G.; Destine, J.

Publisher: North-Holland, Amsterdam, Netherlands

Publication Date: 1981 Country of Publication: Netherlands viii+367

Pp.

ISBN: 0 444 86206 4

Conference Date: 24-26 Nov. 1980 Conference Location: Liege, Belgium

Language: English Document Type: Conference Proceedings (CP)

Treatment: General, Review (G)

Abstract: The following topics were dealt with: videotex and teletext systems; data broadcasting; specialised satellite telecommunication services; **interactive** data retrieval; direct satellite broadcasting; **text communication** services; telematics and **teleconference**; graphic display on television screens; and new trends in picture and data distribution. 52 papers are published in full in the present proceedings. Abstracts of individual papers can be found under the relevant classification codes in this or future issues.

Subfile: B C

Descriptors: broadcasting; information services; satellite relay systems; telecommunication systems; **teleconferencing**

Identifiers: videotex; teletext; data broadcasting; satellite telecommunication services; **interactive** data retrieval; direct satellite broadcasting; **text communication**; telematics; **teleconference**; graphic display

Class Codes: B0100 (General electrical engineering topics); B6200 (Telecommunication); C3370 (Communication techniques); C7210 (Information services and centres); C7410F (Communications)

20/5/20 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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1711745 NTIS Accession Number: PB93-978916

Telematic, Data Transmission and Teleconference Services, Operations and Quality of Service. Recommendation F.710. General Principles for Audiographic Conference Service

International Telecommunication Union, Geneva (Switzerland). International Telegraph and Telephone Consultative Committee.

Corp. Source Codes: 057051002

1991 15p

Languages: English

Journal Announcement: GRAI9309

Available in paper copy, U.S. sales only. All others refer to Deputy-Secretary General, International Telecommunications Union, Place des Nations, 1211 Geneva 20 Switzerland.

NTIS Prices: PC\$22.00

Country of Publication: Other

The Recommendation defines the rules to be followed in the international audiographic conference (AGC) service. Specific infrastructure, terminal and network aspects of the service are described in the AV.200, AV.300 and AV.400-Series of Recommendations. The Audiographic Conference (AGC) service is an international service, offered by Administrations, enabling participants to conduct a **real - time teleconference** between **users** situated in different locations, connected by terminals and telecommunications networks. The AGC service is a type of **Teleconference** service (TCS) in which audio signals are exchanged together with non-voice graphics information (data, **text**, images, etc.) except for motion video. The AGC service may utilize computer conference or other data storage facilities when unique features provided by these facilities are required to augment a **real - time audiographic conference**. Unless otherwise noted, the terms and definitions relating to **teleconferencing** used in the Recommendation are as defined in Annex B of Recommendation F.701. (Copyright (c) ITU 1991.)

Descriptors: \*Telecommunication; \* Teleconferencing ; Communication networks ; Real time operations; Recommendations; Principles

Identifiers: \*Foreign technology; \*Audiographic conference services; Quality of service; CCITT(International Telegraph and Telephone Consultative Committee); NTISCCITT

Section Headings: 45C (Communication--Common Carrier and Satellite); 62A (Computers, Control, and Information Theory--Computer Hardware)

20/5/22 (Item 5 from file: 6)

DIALOG(R)File 6:NTIS

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0891708 NTIS Accession Number: ED-188 573/XAB

Interactive Monitoring of Computer-Based Group Communication. Paper  
P-71

Spangler, K.

Institute for the Future, Menlo Park, CA.

Corp. Source Codes: 058535000

Sponsor: National Science Foundation, Washington, DC. Div. of  
Mathematical and Computer Science.

Dec 78 14p

Languages: English

Journal Announcement: GRAI8116

Paper submitted to the National Computer Conference; Social Implications  
of Computerized Conferencing, New York, June 4-7, 1979.

Available from ERIC Document Reproduction Service (Computer Microfilm  
International Corporation), Arlington, VA 22210.

NTIS Prices: Not available NTIS

Country of Publication: United States

Contract No.: NSF-MCS77-01424

The **interactive** monitoring of group communication through computers is  
a procedure analogous to biofeedback, and small group communication  
computer programs have been developed with monitoring software that has  
been used to evaluate the impact of the medium on group communication.  
There is presently no technical reason that such information could not be  
made available to **users** of computer conferencing. An **interactive**  
monitor would allow the group to spot possible communication barriers and  
then determine proper interventions to reduce the barriers, thus providing  
an evaluation and alteration mechanism. A 4-part system known as HUB is  
being developed that includes a computer conferencing facility, a graphic  
communication facility, a program workspace, and a **document** workspace. It  
monitors variables in several categories; group processes; **individual**  
communication styles; and task performance.

Descriptors: \*Information networks; \*Online systems; Computers;  
Electronic equipment; Feedback; Information processing; Teleconferencing;  
Telephone communications systems

Identifiers: HUB system; NTISHEWERI

Section Headings: 88B (Library and Information Sciences--Information  
Systems)

20/5/23 (Item 6 from file: 6)

DIALOG(R) File 6:NTIS

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0621207 NTIS Accession Number: AD-A037 731/7/XAB

**Conferencing and Teleconferencing in Three Communication Modes as a Function of the Number of Conferees**

(Technical rept)

Krueger, G. P.

Johns Hopkins Univ Baltimore Md Dept of Psychology

Corp. Source Codes: 400605

Report No.: TR-6

Feb 77 115p

Document Type: Conference proceeding

Journal Announcement: GRAI7712

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A06/MF A01

Contract No.: N00014-75-C-0131

Nine groups of 2, 3, and 4 students each, 27 groups in all, discussed stimulating topics in face-to-face conferences or in one of 2 teleconference modes: teletype and televoice. Each group used one of the 3 communication modes to solve a different problem on each of 3 successive days. The problems encouraged opinionated discussion and required the group to arrive at a consensus about how their fellow students felt on these topics. Performance was assessed on a number of dependent measures: time to solution; number of messages exchanged by the group; total number of words used by the group; message length; number of messages, and of words communicated per minute; etc. In general, increase in group size resulted in increase in every group measure of communication--i.e., larger groups used more messages, more words, communicated faster, and exhibited greater relative variability among the numbers of messages generated by the individuals within groups than did the smaller groups. The only exception to this generalization is that 2-man groups generated slightly longer messages than did the larger groups. Groups as a whole and individuals within group produced more messages and words in face-to-face conferences than did groups and individuals in either of the telecommunication modes. Communication rates were much higher in the 2 conference modes that had a voice channel, than in the teletype mode.

Descriptors: \*Social communication; \*Conferencing(Communications); Problem solving; Interpersonal relations; Speech; Group dynamics; Decision making; Conferences; Performance(Human); Voice communications; Telecommunication; Words (Language); Psycholinguistics; Statistical functions; Telephone systems; Teletype systems

Identifiers: \*Teleconferencing ; Face-to-face conversation; NTISDODXA

Section Headings: 92B (Behavior and Society--Psychology); 45F (Communication--Verbal)

Set	Items	Description
S1	244887	TELECONF? OR VIDEOCONF? OR VIDEOTEXT? OR TELETEXT OR (TELE OR VIDEO) () (MESSAG? OR TEXT OR CONFERENC?) OR CHATROOM? OR CH- AT() ROOM? ? OR IRC OR INTERNET() RELAY() (CHAT OR CHATS OR CHAT- TING) OR (NETWORKED OR DISTRIBUTED OR SHARED) () (WORKSPACE? OR WORK() SPACE?
S2	3986292	CHAT OR CHATTING OR CHATS OR TEXT OR TYPED OR WORDS OR PHR- ASES OR WRITTEN OR TEXTUAL OR DOCUMENT?
S3	5629372	DESKTOP? OR WORKSTATION? OR COMPUTER OR PC OR NETWORK() NOD- E? OR WORK() STATION? OR TERMINAL? ?
S4	9033697	MEMBER? OR USER? OR INDIVIDUAL? OR PERSON OR CALLER? ? OR - SPEAKER? OR RECIPIENT? OR SENDER?
S5	7725153	ADDRESS? OR LOCATION? OR WHEREABOUT? OR CONNECTION? OR PLA- CE OR PLACES OR MAILBOX?
S6	677711	LOGIN OR LOGON OR (SIGN OR LOG OR LOGS OR LOGGING OR LOGGED OR SIGNED OR SIGNING) () (IN OR ON) OR ESTABLISH() CONNECTION? - OR SIGNON? OR SIGNING?
S7	4678287	REALTIME? OR DYNAMIC? OR INTERACTIV? OR LIVE? OR ON() FLY OR REAL() TIME?
S8	98303	(ADDRESS OR CONTACT) (N) (BOOK OR BOOKS OR LIST OR LISTS) OR MAILBOX? OR MAIL() (BOX OR BOXES) OR ADDRESSBOOK?
S9	22946	BBS OR (ONLINE OR ON() LINE OR COMPUTER?) () BULLETIN() BOARD?
S10	33389	(S1 OR S9) (12N) S2
S11	12582	S10(S) (S4 OR S5 OR S6)
S12	4275	S11(S) (S7 OR S3)
S13	29	S10(10N) (S4 OR S5 OR S6) (10N) S7
S14	129182	(MULTIPL? OR PLURAL? OR DIFFERENT OR VARIOUS OR MANY OR RE- MOTE) (2N) S3
S15	3212	S10(S) (S4 OR S5 OR S6) (S) S7
S16	35	S14(S) S12
S17	29	S10(10N) (S4 OR S5 OR S6 OR S9) (10N) S7
S18	56	S10(5N) (S4 OR S5 OR S6)
S19	1	S11(10N) S14
S20	105	S13 OR S16 OR S17 OR S18 OR S19
S21	85	RD (unique items)
S22	19	S21 NOT PY>1993
File	88:Gale Group Business A.R.T.S.	1976-2005/Jul 12 (c) 2005 The Gale Group
File	160:Gale Group PROMT(R)	1972-1989 (c) 1999 The Gale Group
File	635:Business Dateline(R)	1985-2005/Jul 13 (c) 2005 ProQuest Info&Learning
File	15:ABI/Inform(R)	1971-2005/Jul 13 (c) 2005 ProQuest Info&Learning
File	16:Gale Group PROMT(R)	1990-2005/Jul 12 (c) 2005 The Gale Group
File	13:BAMP	2005/Jul W1 (c) 2005 The Gale Group
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	647:CMF Computer Fulltext	1988-2005/Jun W4 (c) 2005 CMF Media, LLC
File	98:General Sci Abs/Full-Text	1984-2004/Dec (c) 2005 The HW Wilson Co.
File	148:Gale Group Trade & Industry DB	1976-2005/Jul 13 (c) 2005 The Gale Group
File	634:San Jose Mercury	Jun 1985-2005/Jul 12 (c) 2005 San Jose Mercury News

Set	Items	Description
S1	229378	TELECONF? OR VIDEOCONF? OR VIDEOTEXT? OR TELETEXT OR (TELE OR VIDEO) () (MESSAG? OR TEXT OR CONFERENC?) OR CHATROOM? OR CH- AT() ROOM? ? OR IRC OR INTERNET()RELAY() (CHAT OR CHATS OR CHAT- TING) OR (NETWORKED OR DISTRIBUTED OR SHARED) () (WORKSPACE? OR WORK()SPACE?)
S2	3863892	CHAT OR CHATTING OR CHATS OR TEXT OR TYPED OR WORDS OR PHR- ASES OR WRITTEN OR TEXTUAL OR DOCUMENT?
S3	5328108	DESKTOP? OR WORKSTATION? OR COMPUTER OR PC OR NETWORK()NOD- E? OR WORK()STATION? OR TERMINAL? ?
S4	8290701	MEMBER? OR USER? OR INDIVIDUAL? OR PERSON OR CALLER? ? OR - SPEAKER? OR RECIPIENT? OR SENDER?
S5	6855391	ADDRESS? OR LOCATION? OR WHEREABOUT? OR CONNECTION? OR PLA- CE OR PLACES OR MAILBOX?
S6	637031	LOGIN OR LOGON OR (SIGN OR LOG OR LOGS OR LOGGING OR LOGGED OR SIGNED OR SIGNING) () (IN OR ON) OR ESTABLISH() CONNECTION? - OR SIGNON? OR SIGNING?
S7	4286855	REALTIME? OR DYNAMIC? OR INTERACTIV? OR LIVE? OR ON()FLY OR REAL()TIME?
S8	100226	(ADDRESS OR CONTACT) (N) (BOOK OR BOOKS OR LIST OR LISTS) OR MAILBOX? OR MAIL() (BOX OR BOXES) OR ADDRESSBOOK?
S9	23602	BBS OR (ONLINE OR ON()LINE OR COMPUTER?) () BULLETIN()BOARD?
S10	34069	S2 (12N) (S1 OR S9)
S11	63	S10(10N) (S4 OR S5 OR S6)
S12	2	S10(10N)S8
S13	70	S8(10N)S9
S14	17	S13 (S) (S1 OR S2)
S15	80	S11 OR S12 OR S14
S16	26	S15 NOT PY>1993
S17	40	S10(10N)S3
S18	543	S10 NOT PY>1993
S19	575	S18 OR S17 OR S16
S20	454	RD (unique items)
S21	417	S20 NOT PD=19931001:19961001
S22	413	S21 NOT PD=19961001:19991001
S23	405	S22 NOT PD=19991001:20021001
S24	402	S23 NOT PD=20021001:20050711
S25	85	S10(12N) (S3 OR S4 OR S5 OR S6 OR S7 OR S8)
S26	13	S24 AND S25
S27	32	S12 OR S16 OR S26
S28	21	RD (unique items)
File	275	Gale Group Computer DB(TM) 1983-2005/Jul 12 (c) 2005 The Gale Group
File	47	Gale Group Magazine DB(TM) 1959-2005/Jul 13 (c) 2005 The Gale group
File	75	TGG Management Contents(R) 86-2005/Jul W1 (c) 2005 The Gale Group
File	636	Gale Group Newsletter DB(TM) 1987-2005/Jul 12 (c) 2005 The Gale Group
File	16	Gale Group PROMT(R) 1990-2005/Jul 12 (c) 2005 The Gale Group
File	624	McGraw-Hill Publications 1985-2005/Jul 13 (c) 2005 McGraw-Hill Co. Inc
File	484	Periodical Abs Plustext 1986-2005/Jul W2 (c) 2005 ProQuest
File	813	PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	141	Readers Guide 1983-2004/Dec (c) 2005 The HW Wilson Co
File	370	Science 1996-1999/Jul W3 (c) 1999 AAAS
File	553	Wilson Bus. Abs. FullText 1982-2004/Dec (c) 2005 The HW Wilson Co
File	621	Gale Group New Prod.Annou. (R) 1985-2005/Jul 13

(c) 2005 The Gale Group  
File 674:Computer News Fulltext 1989-2005/Jul W2  
(c) 2005 IDG Communications

28/3, K/3 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01559793 SUPPLIER NUMBER: 13220841  
**WordPerfct Works 1.2. (integrated software) (Reviews) (Software Review)**  
Negrino, Tom  
Macworld, v10, n6, p140(1)  
June, 1993  
DOCUMENT TYPE: Evaluation ISSN: 0741-8647 LANGUAGE: ENGLISH  
RECORD TYPE: ABSTRACT

...ABSTRACT: a floating tool bar. The robust word processor supports up to 16 columns, automatically wraps **text** around graphics and has a thesaurus, spelling checker and mail-merge capability. The communications module is not full-featured but does have an integrated **address book** and a simple macro feature for automating **BBS** log-ons. The database module is weak; its Select Records dialog box is ugly. Works...

...other integrated packages. It is easy to run out of memory when working with several **document** windows.

28/3, K/13 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01526903 Supplier Number: 42192623 (USE FORMAT 7 FOR FULLTEXT)  
**R.I. COMPANY FORMED TO SELL FRENCH EXELTEL VIDEOTEX TERMINALS IN U.S.**

Common Carrier Week, v8, n26, pN/A

July 1, 1991

Language: English Record Type: Fulltext  
Document Type: Newsletter; Professional Trade  
Word Count: 412

... Palpacuer, met as result of contacts with Marlon (Matt) Matson, founder of controversial Data-Tel **Video Text** service that became subject of several lawsuits. Matson had wanted Searles to be East Coast distributor for Data-Tel, and had wanted to purchase thousands of **terminals** from Palpacuer. Neither ended up doing business with Matson, who last year closed his Orange...

...Searles said he and Palpacuer found they had common interest in videotex and in "getting **terminals** to people and get out there as cheap as possible."

Matson now apparently operates with Philip Siracusa, former marketer of Data-Tel services, the Las Vegas Sports Network, owned by **Video Text** Services of Nev., also known as VTSN Communications, according to material Matson was distributing there...

...Star supplies sports programming, but hasn't advertised since. Star said Matson has suggested new **computer** service allowing multiple players to call into **computer** to play fantasy baseball and football games against other players around country. Matson couldn't be reached for comment; number given by directory assistance for **Video Text** Services of Nev. wasn't in service.

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Set	Items	Description
S1	10289	TELECONF? OR VIDEOCONF? OR (TELE OR VIDEO) () (MESSAG? OR CONFERENCE?) OR CHATROOM? OR CHAT() ROOM? ? OR IRC OR INTERNET() RELAY() (CHAT OR CHATS OR CHATTING) OR (NETWORKED OR DISTRIBUTED OR SHARED) () (WORKSPACE? OR WORK() SPACE? ? OR WHITEBOARD?)
S2	724068	CHAT OR CHATTING OR CHATS OR TEXT OR TYPED OR WORDS OR PHRASES OR WRITTEN OR TEXTUAL OR DOCUMENT?
S3	620421	DESKTOP? OR WORKSTATION? OR COMPUTER OR PC OR NETWORK() NODE? OR WORK() STATION? OR TERMINAL? ?
S4	1142179	MEMBER? OR USER? OR INDIVIDUAL? OR PERSON OR CALLER? ? OR - SPEAKER? OR RECIPIENT? OR SENDER?
S5	1239762	ADDRESS? OR LOCATION? OR WHEREABOUT? OR CONNECTION? OR PLACE OR PLACES OR MAILBOX?
S6	111972	LOGIN OR LOGON OR (SIGN OR LOG OR LOGS OR LOGGING OR LOGGED OR SIGNED OR SIGNING) () (IN OR ON) OR ESTABLISH() CONNECTION? - OR SIGNON? OR SIGNING?
S7	340216	REALTIME? OR DYNAMIC? OR INTERACTIV? OR LIVE? OR ON() FLY OR REAL() TIME?
S8	8052	(ADDRESS OR CONTACT) (N) (BOOK OR BOOKS OR LIST OR LISTS) OR MAILBOX? OR MAIL() (BOX OR BOXES) OR ADDRESSBOOK?
S9	1791	S1(4N)S2
S10	206	S9(10N) (S5 OR S8)
S11	20	S7(12N)S10
S12	116	S9(10N) (S3 OR S4) (3N)S5
S13	28	S9(10N) (S3 OR S4) (3N)S6
S14	142	S11:S13
S15	106	S14 AND IC=(G06F OR H04L)
S16	103	S15 NOT AD=19931001:19961001
S17	71	S16 NOT AD=19961001:19991001
S18	3	S17 NOT AD=19991001:20031001
S19	0	S18 NOT AD=20031001:20050711
S20	1283	S9 AND IC=(G06F OR H04L)
S21	1242	S20 NOT AD=19931001:19961001
S22	926	S21 NOT AD=19961001:19991001
S23	196	S22 NOT AD=19991001:20021001
S24	1	S23 NOT AD=20021001:20041001
S25	1	S24 NOT AD=20041001:20050711
S26	4307	S1 AND IC=(G06F OR H04L)
S27	3809	S26 NOT AD=19931001:19961001
S28	2701	S27 NOT AD=19961001:19991001
S29	719	S28 NOT AD=19991001:20021001
S30	153	S29 NOT AD=20021001:20041001
S31	153	S30 NOT AD=20041001:20050711
S32	5	S31(10N)S7(10N) (S4 OR S5 OR S6 OR S8)
S33	15	S31(5N) (S4 OR S5 OR S6 OR S8)
S34	17	S25 OR S32 OR S33
S35	17	IDPAT (sorted in duplicate/non-duplicate order)
S36	16	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2005/Jun W04

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20050707,UT=20050630

(c) 2005 WIPO/Univentio

36/3, K/4 (Item 4 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

00598526

Computer workstation with communications sub-system capable of data compression

Rechnerarbeitsstelle mit Datenkompressionfahiger Kommunikationsunteranordnung

Station de travail d'ordinateur avec sous-système de communication capable de compression de données

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

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Evans, Lawrence Steven, 17 Honeysuckle Close, Badger Farm, Winchester, Hampshire SO22 4QQ, (GB)

Wallis, Graham Derek, 75 Raley Road, Locks Heath, Southampton, Hampshire SO3 6PB, (GB)

Fyles, Anthony, 3 Chester Road, Winchester, Hampshire SO23 8EL, (GB)

Key, Andrew, 18 Redward Road, Rownhams, Southampton. Hampshire SO1 8JE, (GB)

Sethi, Vincent, 26 Clarence House, York Close, Northam, Southampton, Hampshire SO1 1RU, (GB)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 592062 A1 940413 (Basic)

EP 592062 B1 990506

APPLICATION (CC, No, Date): EP 93301394 930225;

PRIORITY (CC, No, Date): GB 9220820 921003

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04L-029/06;

ABSTRACT WORD COUNT: 133

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9918	516
CLAIMS B	(German)	9918	506
CLAIMS B	(French)	9918	660
SPEC B	(English)	9918	4006
Total word count - document A			0
Total word count - document B			5688
Total word count - documents A + B			5688

...SPECIFICATION the machines, but its output will be displayed at the other workstations, so that multiple users can interact with the program. Another example of a real - time interactive facility would be video conferencing , in which a video image of a user captured at one terminal appears on the screen at a second terminal, and vice versa

...

36/3, K/12 (Item 12 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00142589

**TELECOMMUNICATIONS INTERFACE**  
**INTERFACE DE TELECOMMUNICATIONS**

Patent Applicant/Assignee:

BELL COMMUNICATIONS RESEARCH INC,

Inventor(s):

BROWN Earl Franklin,

KLINE Robert Vernon,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8707462 A1 19871203

Application: WO 87US278 19870206 (PCT/WO US8700278)

Priority Application: US 86871 19860521

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT BE CH DE FR GB IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 8692

Fulltext Availability:

Detailed Description

Detailed Description

... cameras, document scanning devices, and document display devices. Such document display devices may include an **interactive** device such as a light pen which will permit telewriting.

one use of high bandwidth networks and associated **user** communication devices is **video conferencing**. Conferences may be set up between a plurality of users each having one or more...

...the **user**

devices discussed above. For example, four users may wish to participate in a **video conference**, in which each **user** can simultaneously display information received from the other three users,

In the past, the capability...the

- 16

telecommunications interface as part of the video signal and are separated by the **user** receivers.

To set up a **video conference** call, the initiator of the call dials into the network that he/she wishes to...

Set	Items	Description
S1	8784	TELECONF? OR VIDEOCONF? OR (TELE OR VIDEO) () (MESSAG? OR CONFERENCE?) OR CHATROOM? OR CHAT()ROOM? ? OR IRC OR INTERNET()RELAY() (CHAT OR CHATS OR CHATTING) OR (NETWORKED OR DISTRIBUTED OR SHARED) () (WORKSPACE? OR WORK()SPACE? ? OR WHITEBOARD?)
S2	914356	CHAT OR CHATTING OR CHATS OR TEXT OR TYPED OR WORDS OR PHRASES OR WRITTEN OR TEXTUAL OR DOCUMENT?
S3	1714054	DESKTOP? OR WORKSTATION? OR COMPUTER OR PC OR NETWORK()NODE? OR WORK()STATION? OR TERMINAL? ?
S4	2431488	MEMBER? OR USER? OR INDIVIDUAL? OR PERSON OR CALLER? ? OR - SPEAKER? OR RECIPIENT? OR SENDER?
S5	1789332	ADDRESS? OR LOCATION? OR WHEREABOUT? OR CONNECTION? OR PLACE OR PLACES OR MAILBOX?
S6	14434	LOGIN OR LOGON OR (SIGN OR LOG OR LOGS OR LOGGING OR LOGGED OR SIGNED OR SIGNING) () (IN OR ON) OR ESTABLISH() CONNECTION? - OR SIGNON? OR SIGNING?
S7	353804	REALTIME? OR DYNAMIC? OR INTERACTIV? OR LIVE? OR ON()FLY OR REAL()TIME?
S8	6043	(ADDRESS OR CONTACT) (N) (BOOK OR BOOKS OR LIST OR LISTS) OR MAILBOX? OR MAIL() (BOX OR BOXES) OR ADDRESSBOOK?
S9	1515	S1 AND S2
S10	325	S9 AND (S5 OR S6)
S11	11	S9 AND S8
S12	755	S2 AND S7 AND (SHARED OR DISTRIBUTED OR WORKGROUP OR GROUPWARE? OR NETWORKED OR CHATROOM?)
S13	421	S12 AND (S8 OR S6 OR S5 OR S4)
S14	738	S10 OR S13
S15	545	S14 AND IC=(G06F OR H04L)
S16	498	S15 NOT AD=19931001:19961001
S17	452	S16 NOT AD=19961001:19981001
S18	289	S17 NOT AD=19971001:20002001
S19	50	S18 NOT AD=20001001:20031001
S20	31	S19 NOT AD=20031001:20050711
S21	66026	S4 (2N) (MULTIPLE OR MULTIPLICITY OR PLURAL OR PLURALITY OR - MANY OR SEVERAL OR DIFFERENT OR VARIOUS)
S22	36	S21 AND S12
S23	34	S22 NOT AD=19931001:19961001
S24	30	S23 NOT AD=19961001:19981001
S25	10	S24 NOT AD=19981001:20011001
S26	2	S25 NOT AD=20011001:20041001
S27	2	S26 NOT AD=20041001:20051001
S28	32	S20 OR S27
S29	32	IDPAT (sorted in duplicate/non-duplicate order)
S30	32	IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)		
(c) 2005 JPO & JAPIO		
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200544		
(c) 2005 Thomson Derwent		

30/5/2 (Item 2 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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009975775 \*\*Image available\*\*  
WPI Acc No: 1994-243488/199430  
XRPX Acc No: N94-192109

Multimedia electronic conference system - uses stereophonic voice output whose level varies in accordance with icon screen position.  
Patent Assignee: TOSHIBA KK (TOKE )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applcat No Kind Date Week  
JP 6175942 A 19940624 JP 92328202 A 19921208 199430 B

Priority Applications (No Type Date): JP 92328202 A 19921208

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 6175942	A	10		G06F-013/00	

Abstract (Basic): JP 6175942 A

The system consists of a voice information network(101) and interfacing device (102). Transmitter's address and voice data in the information is read by decoder(106). D/A convertor (107) changes this information into an audio signal. This signal is amplified by signal amplifiers (108a) and (108b). The output stage is made up of voice output units (109a) and (109b). Management device (112) detects the icon identifier which corresponds to the address with reference to an icon. Icon position detector (113) identifies the position of the participant who is being projected on the screen and accordingly varies the amplifying levels of amplifiers.

The output signal is transmitted to the multimedia network which transmits multimedia information such as text, pictorial image and voice in a video conferencing system.

ADVANTAGE - Each participant's relative position on the screen is more conspicuous . Reproduced sound is stereophonic.

Dwg.1/7

Title Terms: ELECTRONIC; CONFER; SYSTEM; STEREOFONIC; VOICE; OUTPUT; LEVEL ; VARY; ACCORD; SCREEN; POSITION

Derwent Class: W01; W02

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): H04M-003/56; H04M-011/00; H04N-007/00

File Segment: EPI

30/5/14 (Item 14 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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007351761

WPI Acc No: 1987-348767/198749

XRPX Acc No: N87-261335

Interface for asynchronous video audio graphic and data signals -  
retransmits signals in suitable form display or detection to different  
receiver types at different locations

Patent Assignee: BELL COMMUN RES INC (BELL-N)

Inventor: BROWN E F; KLINE R V

Number of Countries: 013 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8707462	A	19871203	WO 87US278	A	19870206	198749 B
US 4748618	A	19880531	US 86865871	A	19860521	198824
CA 1260581	A	19890926				198944

Priority Applications (No Type Date): US 86865871 A 19860521

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 8707462 A E 35

Designated States (National): JP

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

US 4748618 A 11

Abstract (Basic): WO 8707462 A

The interface receives input data packets from sources and retransmits the data in a suitable format for use by receiving device(s). The interface has a memory for storing the data packets. An input device sequentially receives the packets and sequentially writing them into the memory. An address generator produces the address in the memory where each of the packets is stored.

An address storage circuit stores in an organised fashion addresses generated by the address generator. An output circuit retrieves particular addresses and accesses the data stored in the memory and retransmits the accessed data to a particular receiving device.

USE/ADVANTAGE - Video conferencing system when each user may be using equipment made by different manufacturers. Capable of operating at speeds ranging from several hundred bits per second to several gigabits per second.

Title Terms: INTERFACE; ASYNCHRONOUS; VIDEO; AUDIO; GRAPHIC; DATA; SIGNAL; RETRANSMISSION; SIGNAL; SUIT; FORM; DISPLAY; DETECT; RECEIVE; TYPE; LOCATE

Derwent Class: W01; W02

International Patent Class (Additional): H04L-011/20 ; H04N-007/14

File Segment: EPI

30/5/22 (Item 22 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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004126429  
WPI Acc No: 1984-271969/198444  
XRPX Acc No: N84-202984

Video communication network providing subscriber-to-subscriber data -  
allows two different video conversations with common key-station on  
split-screen display, and preparation of response before transmission

Patent Assignee: REUTERS LTD (REUT-N)

Inventor: BLACKMAN P S; CLEMENTS L L; DAVIDS M J

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2139042	A	19841031	GB 848142	A	19840329	198444 B
US 4525779	A	19850625	US 83480301	A	19830330	198528
GB 2139042	B	19860514				198620

Priority Applications (No Type Date): US 83480301 A 19830330

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2139042	A	108		

Abstract (Basic): GB 2139042 A

Each key station is associated with a terminal controller interface which is in turn connected to a message switching node for routing calls throughout the network. The controller locally stores video conversational **textual** data for its associated key stations and enables two different designated key stations to conduct two different video conversations with a common key station in a split screen display. The display may also be used to show retrievable data from a base for simultaneous display along with a video conversation. The data is transmitted between connected controllers in packets which contain less than the total displayable data content of the message input via the keyboard.

The controller also enables preparation of responses prior to transmission to the other party and while receiving a transmission from that party. Prior to completion of a call, the controller provides an incoming calls queue display at the connected key stations. The display may contain a unique identifier for each key station initiating a call as well as an interest message. The receiving key station may then randomly select any of the displayed incoming calls irrespective of position in the queue and the video conversation may then take **place** using the associated keyboards and displays.

USE - For money market

Title Terms: VIDEO; COMMUNICATE; NETWORK; SUBSCRIBER; SUBSCRIBER; DATA; ALLOW; TWO; VIDEO; CONVERSATION; COMMON; KEY; STATION; SPLIT; SCREEN; DISPLAY; PREPARATION; RESPOND; TRANSMISSION

Derwent Class: W01

International Patent Class (Additional): G06F-003/14 ; H04L-011/20 ; H04M-011/06

File Segment: EPI

30/5/26 (Item 26 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

003830611  
WPI Acc No: 1983-826858/198347  
XRPX Acc No: N83-211652

Multiple processor real time training simulator - uses distributed shared memory for communication between processors with time frames scheduled by system state control processor

Patent Assignee: US SEC OF NAVY (USNA )

Inventor: BONNELL R D; HUHNS M N; PETTUS R O; STEPHENS L M; SUMMER C F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4414624	A	19831108				198347 B

Priority Applications (No Type Date): US 80208355 A 19801119

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4414624	A		14		

Abstract (Basic): US 4414624 A

The real - time training simulator incorporates a group of identical microcomputers which execute the total program in a parallel mode within the frames times scheduled by a system state control microcomputer. The microcomputers are scheduled by the control computer according to the processing required for a specific time frame. At the beginning of each frame time the system control microcomputer transmits a time control word to all microcomputers to establish the time available for processing during that or the following frame. Each microcomputer has microcoded in its control store an applications task manager (ATM). The ATM is the local state controller for each microcomputer and is a very compact and highly efficient executive routine. The ATM is identical in all microcomputers.

Each separate microcomputer has its own dedicated memory space within which are certain addresses that are logically assigned to a small special store. This can be written into by all other microcomputers that generate intermediate results whose destination store address is within that assigned to this store. This provides a capability of any microcomputer to globally write to any or all other special stores simultaneously, and each separate microcomputer can read from its special store in a local mode.

0/6

Title Terms: MULTIPLE; PROCESSOR; REAL; TIME; TRAINING; SIMULATE; DISTRIBUTE; SHARE; MEMORY; COMMUNICATE; PROCESSOR; TIME; FRAME; SCHEDULE; SYSTEM; STATE; CONTROL; PROCESSOR

Derwent Class: T01

International Patent Class (Additional): G06F-013/00

File Segment: EPI

Set	Items	Description
S1	112	AU=(LUDWIG L? OR LUDWIG, L?)
S2	13	AU=(LAUWERS J? OR LAUERS, J?)
S3	58	AU=(LANTZ K? OR LANTZ, K?)
S4	157	AU=(BURNETT G? OR BURNETT, G?)
S5	117	AU=(BURNS E? OR BURNS, E?)
S6	10	S1 AND S2 AND S3 AND S4 AND S5
S7	387	S1:S5
S8	8	S7 AND IC=G06F-015
S9	17	S6 OR S8
S10	17	IDPAT (sorted in duplicate/non-duplicate order)
S11	11	IDPAT (primary/non-duplicate records only)
File 344:Chinese Patents Abs Aug 1985-2005/May		
(c) 2005 European Patent Office		
File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)		
(c) 2005 JPO & JAPIO		
File 348:EUROPEAN PATENTS 1978-2005/Jun W04		
(c) 2005 European Patent Office		
File 349:PCT FULLTEXT 1979-2005/UB=20050707,UT=20050630		
(c) 2005 WIPO/Univentio		
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200543		

11/5/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012520932 \*\*Image available\*\*

WPI Acc No: 1999-327038/199927

XRPX Acc No: N99-245301

**Scalable networked multimedia system for audio-video processing**  
Patent Assignee: COLLABORATION PROPERTIES INC (COLL-N)  
Inventor: APPLEBAUM D; BROWN W B; BURNETT G; LAUWERS C; LUDWIG L; LUI R;  
VANDERLIPPE R W; VUONG A T; YUL I J; INN Y J  
Number of Countries: 084 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9923560	A1	19990514	WO 98US23596	A	19981104	199927 B
AU 9914515	A	19990524	AU 9914515	A	19981104	199940
EP 1029273	A1	20000823	EP 98958473	A	19981104	200041
			WO 98US23596	A	19981104	
US 6816904	B1	20041109	US 9764266	P	19971104	200474
			WO 98US23596	A	19981104	
			US 2000565192	A	20000504	
US 20050144284	A1	20050630	US 9764266	P	19971104	200543
			WO 98US23596	A	19981104	
			US 2000565192	A	20000504	
			US 2004931651	A	20040831	

Priority Applications (No Type Date): US 9764266 P 19971104; US 2000565192 A 20000504; US 2004931651 A 20040831

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9923560	A1	E	204	G06F-009/46	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 9914515	A			H04L-012/56	Based on patent WO 9923560
EP 1029273	A1	E		G06F-009/46	Based on patent WO 9923560
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
US 6816904	B1			G06F-017/30	Provisional application US 9764266 Cont of application WO 98US23596
US 20050144284	A1			G06F-015/16	Provisional application US 9764266 Cont of application WO 98US23596 Div ex application US 2000565192 Div ex patent US 6816904

Abstract (Basic): WO 9923560 A1

NOVELTY - A signal path interconnects several workstations (12) and a storage server (100). Each workstation (40) includes video and audio reproduction capabilities, and video and audio capture capabilities. The storage servers (100) comprise a set of storage cells (120) which include one or more encoding (132) and transcoding converters for transforming audio and video signals from a workstation into a form suitable for storage, and which operate under the direction of a storage cell manager (160).

DETAILED DESCRIPTION - A number of networks and at least one storage server (100) form the networked multimedia system (10). A signal path interconnects the workstations (12) and the storage server (100). Each workstation (40) includes video and audio reproduction capabilities, as well as video and audio capture capabilities. Any given storage server (100) comprises a set of storage cells (120) that operate under the direction of a storage cell manager (160). A storage

cell (120) includes one or more encoding (132) and transcoding converters for converting or transforming audio and video signals originating at a workstation into a form suitable for storage. The storage cell controller responds to signals received from the workstations (40), and oversees the operation of the storage cells to facilitate the storage of converted audio and video signals in at least one file that can be simultaneously accessed by one or more application programs executing on one or more workstations. INDEPENDENT CLAIMS are included for; a method of using a networked multimedia system.

USE - Scalable audio-video server system and Application Program Interface with range of associated software applications to provide networked multimedia processing.

ADVANTAGE - Uses resource sharing and full range of networked signal distribution technology.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of a Collaborative Multimedia Computing system incorporating an Audio/Video Server System of the invention.

Networked multimedia system (10)  
Workstations (12)  
Analogue links (14)  
User workstations (40)  
A/V conference rooms (45)  
Audio/Video Server System (100)  
Storage cells (120)  
Decoding converters (134)

pp; 204 DwgNo 3/46

Title Terms: SYSTEM; AUDIO; VIDEO; PROCESS

Derwent Class: T01; W01

International Patent Class (Main): G06F-009/46; **G06F-015/16** ; G06F-017/30; H04L-012/56

International Patent Class (Additional): **G06F-015/173** ; H04L-012/28; H04L-012/40

File Segment: EPI

11/5/4 (Item 4 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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011816377 \*\*Image available\*\*

WPI Acc No: 1998-233287/199821

Related WPI Acc No: 1995-125360; 1998-233284; 1998-233285; 1998-233286

XRPX Acc No: N98-184881

Teleconferencing system with multi-media mail facility - has AV path for carrying signals among workstations, video mosaic generator for combining images and audio summer or mixer

Patent Assignee: VICOR INC (VICO-N)

Inventor: BURNETT G J ; BURNS E R ; LANTZ K A ; LAUWERS J C ; LUDWIG L F

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2319138	A	19980513	GB 9410665	A	19940527	199821 B
			GB 982092	A	19980130	
GB 2319138	B	19980624	GB 9410665	A	19940527	199827
			GB 982092	A	19980130	

Priority Applications (No Type Date): US 93131523 A 19931001

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2319138	A	100	H04L-012/18	Derived from application GB 9410665
GB 2319138	B		H04L-012/18	Derived from application GB 9410665

Abstract (Basic): GB 2319138 A

The system has several workstations that each have two monitors and are in communication with audio and video (AV) capture capabilities. A data path is provided in communication with the workstations over which the data can be shared among the several participants.

An AV path is provided in communication with the workstations, along which AV signals, representing video images and spoken word of participants, can be carried. The system is configured to reproduce images based on data signals shared along the data path, on at least two monitors and to reproduce participant video images, based on AV signals carried along second path, on at least two monitors.

USE - Closely approximates experience of face-to-face collaboration. Can store and forward multimedia mail messages.

ADVANTAGE - System architecture readily scalable to largest enterprise network environments. Accommodates differing levels of collaborative capabilities available to individual users and permits high quality audio and video capabilities to be readily super imposed onto existing personal computers and work-stations.

Dwg.29/42

Title Terms: TELECONFERENCE; SYSTEM; MULTI; MEDIUM; MAIL; FACILITY; AV; PATH; CARRY; SIGNAL; VIDEO; MOSAIC; GENERATOR; COMBINATION; IMAGE; AUDIO; SUMMER; MIX

Derwent Class: T01; W01; W02

International Patent Class (Main): H04L-012/18

International Patent Class (Additional): H04M-003/56; H04N-007/15

File Segment: EPI

11/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011816376 \*\*Image available\*\*

WPI Acc No: 1998-233286/199821

Related WPI Acc No: 1995-125360; 1998-233284; 1998-233285; 1998-233287

XRPX Acc No: N98-184880

Teleconferencing system for distributed audio-visual collaboration between individuals - involves networked work-stations one of which is configured to store video, audio and data signals generated at one workstation as multi-media mail message, and forward to participant at other workstation

Patent Assignee: VICOR INC (VICO-N)

Inventor: BURNETT G J ; BURNS E R ; LANTZ K A ; LAUWERS J C ; LUDWIG L F

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2319137	A	19980513	GB 9410665	A	19940527	199821 B
			GB 982089	A	19980130	
GB 2319137	B	19980624	GB 9410665	A	19940527	199827
			GB 982089	A	19980130	

Priority Applications (No Type Date): US 93131523 A 19931001

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2319137	A	100		H04L-012/18	Derived from application GB 9410665
GB 2319137	B			H04L-012/18	Derived from application GB 9410665

Abstract (Basic): GB 2319137 A

The teleconferencing system includes an audio-video or AV path which carries AV signals among workstations containing video images and spoken audio from multiple participants. An AV conference manager manages a video-conference during which the video and audio from one participant can be reproduced by a monitor in communication with the workstation of another participant.

A data conference manager manages a data conference during which data is shared among the participants and reproduced by the monitors of their respective workstations. At least one of a multimedia mail systems is configured to store, as a multimedia mail message, the video, audio and data signals generated at the workstation of a preparing participant during the video and data conference, the message being forwarded to a receiving participant.

USE/ADVANTAGE - Closely approximates experience of face-to-face real time distributed collaboration, while system architecture is readily scalable to network environments incorporating more than a few workstations, enabling high quality audio-video capabilities to be readily super imposed onto existing personal computers and work-stations.

Dwg.29/42

Title Terms: TELECONFERENCE; SYSTEM; DISTRIBUTE; AUDIO; VISUAL; INDIVIDUAL; WORK; STATION; ONE; CONFIGURATION; STORAGE; VIDEO; AUDIO; DATA; SIGNAL; GENERATE; ONE; MULTI; MEDIUM; MAIL; MESSAGE; FORWARD; PARTICIPATING

Derwent Class: T01; W01

International Patent Class (Main): H04L-012/18

International Patent Class (Additional): H04M-003/56; H04N-007/15

File Segment: EPI

11/5/6 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011816375 \*\*Image available\*\*

WPI Acc No: 1998-233285/199821

Related WPI Acc No: 1995-125360; 1998-233284; 1998-233286; 1998-233287

XRXPX Acc No: N98-184879

Computer-based teleconferencing system - notifies called participant of identity of calling participants if called participant is already in active teleconference

Patent Assignee: VICOR INC (VICO-N)

Inventor: BURNETT G J ; BURNS E R ; LANTZ K A ; LAUWERS J C ; LUDWIG L F

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2319136	A	19980513	GB 9410665	A	19940527	199821 B
			GB 982084	A	19980130	
GB 2319136	B	19980624	GB 9410665	A	19940527	199827
			GB 982084	A	19980130	

Priority Applications (No Type Date): US 93131523 A 19931001

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2319136	A	101	H04L-012/18	Derived from application GB 9410665
GB 2319136	B		H04L-012/18	Derived from application GB 9410665

Abstract (Basic): GB 2319136 A

The system conducts a teleconference among a number of participants and includes a number of workstations with monitors associated with the participants. Audio/video capture capabilities at each workstation capture the image and voice of the participant.

An incoming call acceptance mechanism detects at a first participants workstation an incoming conference call from a calling participant. If the first participant is engaged in an active teleconference with a second participant, the first participant is notified of the identity of each calling participant and provides the first participant with the option of accepting the incoming call.

ADVANTAGE - The system is cost-effective and provides capabilities required for maximally effective collaboration

Dwg.41/42

Title Terms: COMPUTER; BASED; TELECONFERENCE; SYSTEM; NOTIFICATION; CALL; PARTICIPATING; IDENTIFY; CALL; PARTICIPATING; CALL; PARTICIPATING; ACTIVE ; TELECONFERENCE

Derwent Class: T01; W01

International Patent Class (Main): H04L-012/18

International Patent Class (Additional): H04M-003/56; H04N-007/15

File Segment: EPI

11/5/7 (Item 7 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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011816374 \*\*Image available\*\*  
WPI Acc No: 1998-233284/199821  
Related WPI Acc No: 1995-125360; 1998-233285; 1998-233286; 1998-233287  
XRPX Acc No: N98-184878  
Teleconferencing system for use with personal computer - initiates  
collaboration with selected participant after selecting type of  
collaboration required

Patent Assignee: VICOR INC (VICO-N)  
Inventor: BURNETT G J ; BURNS E R ; LANTZ K A ; LAUWERS J C ; LUDWIG L  
F

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2319135	A	19980513	GB 9410665	A	19940527	199821 B
			GB 982081	A	19980130	
GB 2319135	B	19980624	GB 9410665	A	19940527	199827
			GB 982081	A	19980130	

Priority Applications (No Type Date): US 93131523 A 19931001

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2319135	A	99		H04M-003/56	Derived from application GB 9410665
GB 2319135	B			H04M-003/56	Derived from application GB 9410665

Abstract (Basic): GB 2319135 A

The system has several workstations (12) each having monitors for displaying visual images and associated AV capture and reproduction capabilities for capturing and reproducing video images and spoken audio of participants. A common collaboration initiator initiates several types of collaboration among the participants.

The collaboration types are selected from the set consisting of data conferencing, video-conferencing, telephone conferencing, sending of faxes and sending of multimedia mail messages. The initiator consists of a callee selector for selecting one or more desired participants from several potential participants, as well as the collaboration type selector.

USE - Closely approximates experience of face-to-face collaboration, with inclusion of visualising gestures as well as spoken word.

ADVANTAGE - System architecture readily scalable to largest enterprise network environments. Accommodates differing levels of collaborative capabilities available to individual users and permits high quality audio and video capabilities to be readily super imposed onto existing personal computers and work-stations.

Dwg.36/42

Title Terms: TELECONFERENCE; SYSTEM; PERSON; COMPUTER; INITIATE; SELECT; PARTICIPATING; AFTER; SELECT; TYPE; REQUIRE

Derwent Class: T01; W01; W02

International Patent Class (Main): H04M-003/56

International Patent Class (Additional): H04L-012/18; H04N-007/15

File Segment: EPI

11/5/9 (Item 9 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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010224105 \*\*Image available\*\*

WPI Acc No: 1995-125360/199517

Related WPI Acc No: 1998-233284; 1998-233285; 1998-233286; 1998-233287

XRXPX Acc No: N95-099199

Teleconference system separating real-time and async. networks - couples distributed video mosaic generator to AV path for combining portion of mosaic image with captured image of third of participants

Patent Assignee: VICOR INC (VICO-N); COLLABORATION PROPERTIES INC (COLL-N); BURNETT G J (BURN-I); BURNS E R (BURN-I); LANTZ K A (LANT-I); LAUWERS J C (LAUW-I); LUDWIG L F (LUDW-I)

Inventor: BURNETT G J ; BURNS E R ; LANTZ K A ; LAUWERS J C ; LUDWIG L F ; LAUWERS C J; BURNS E ; BUTNETT G J; LAUWERS C

Number of Countries: 058 Number of Patents: 080

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2282506	A	19950405	GB 9410665	A	19940527	199517 B
WO 9510157	A1	19950413	WO 94US2961	A	19940316	199520
WO 9510158	A2	19950413	WO 94US11193	A	19941003	199520
AU 9471988	A	19950501	AU 9471988	A	19940316	199532
AU 9479638	A	19950501	AU 9479638	A	19941003	199532
WO 9510158	A3	19950526	WO 94US11193	A	19941003	199616
EP 721725	A1	19960717	EP 94921163	A	19940316	199633
			WO 94US2961	A	19940316	
EP 721726	A1	19960717	EP 94930561	A	19941003	199633
			WO 94US11193	A	19941003	
US 5617539	A	19970401	US 93131523	A	19931001	199719
			US 96660460	A	19960607	
US 5689641	A	19971118	US 93131523	A	19931001	199801
GB 2282506	B	19980624	GB 9410665	A	19940527	199827
US 5758079	A	19980526	US 93131523	A	19931001	199828
			US 96660805	A	19960607	
US 5802294	A	19980901	US 93131523	A	19931001	199842
			US 96660461	A	19960607	
CA 2204442	C	19981020	CA 2173204	A	19940316	199901
			CA 2204442	A	19971107	
US 5854893	A	19981229	US 93131523	A	19931001	199908
			US 96660880	A	19960610	
EP 898424	A2	19990224	EP 94921163	A	19940316	199912
			EP 98120173	A	19940316	
US 5867654	A	19990202	US 93131523	A	19931001	199912
			US 96650123	A	19960607	
EP 899952	A2	19990303	EP 94930561	A	19941003	199913
			EP 98120170	A	19941003	
EP 899953	A2	19990303	EP 94930561	A	19941003	199913
			EP 98120171	A	19941003	
EP 899954	A2	19990303	EP 94930561	A	19941003	199913
			EP 98120172	A	19941003	
US 5884039	A	19990316	US 93131523	A	19931001	199918
			US 96660418	A	19960607	
EP 912055	A2	19990428	EP 94930561	A	19941003	199921
			EP 98120174	A	19941003	
EP 912056	A2	19990428	EP 94930561	A	19941003	199921
			EP 98120175	A	19941003	
US 5896500	A	19990420	US 93131523	A	19931001	199923
			US 96659952	A	19960607	
US 5915091	A	19990622	US 93131523	A	19931001	199931
			US 96661530	A	19960611	
EP 955765	A1	19991110	EP 94921163	A	19940316	199952
			EP 99202661	A	19940316	
US 5978835	A	19991102	US 93131523	A	19931001	199953
			US 96659949	A	19960607	

CA 2290701	A1	19950413	CA 2173204 CA 2290701	A	19940316	200025
CH 690154	A5	20000515	CH 942940	A	19940928	200029
CA 2296181	A1	19950413	CA 2173209 CA 2296181	A	19941003	200034
CA 2296182	A1	19950413	CA 2173209 CA 2296182	A	19941003	200034
CA 2296185	A1	19950413	CA 2173209 CA 2296185	A	19941003	200034
CA 2296187	A1	19950413	CA 2173209 CA 2296187	A	19941003	200034
CA 2296189	A1	19950413	CA 2173209 CA 2296189	A	19941003	200034
CA 2297940	A1	19950413	CA 2173204 CA 2297940	A	19940316	200037
CA 2173204	C	20000613	CA 2173204 WO 94US2961	A	19940316	200042
CA 2296182	C	20001219	CA 2173209 CA 2296182	A	19941003	200103
EP 721726	B1	20001220	EP 94930561 WO 94US11193	A	19941003	200105
			EP 98120170	A	19941003	
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			EP 98120175	A	19941003	
CA 2173209	C	20010213	CA 2173209 WO 94US11193	A	19941003	200112
DE 69426456	E	20010125	DE 94626456 EP 94930561	A	19941003	200112
			WO 94US11193	A	19941003	
US 6212547	B1	20010403	US 93131523 US 96660805	A	19931001	200120
			US 9872542	A	19980505	
US 6237025	B1	20010522	US 93131523 US 96660461	A	19931001	200130
			US 97994848	A	19960607	
CA 2296181	C	20010626	CA 2173209 CA 2296181	A	19941003	200138
CA 2296185	C	20010724	CA 2173209 CA 2296185	A	19941003	200147
CA 2296187	C	20010724	CA 2173209 CA 2296187	A	19941003	200147
CA 2296189	C	20010724	CA 2173209 CA 2296189	A	19941003	200147
EP 898424	B1	20011017	EP 94921163 EP 98120173	A	19940316	200169
				A	19940316	
US 20010044826	A1	20011122	US 93131523 US 96660461	A	19931001	200176
			US 97994848 US 2000702737	A	19960607	
			US 2001879460	A	19971219	
DE 69428725	E	20011122	DE 94628725 EP 98120173	A	20001101	
				A	20010611	
US 6343314	B1	20020129	US 93131523 US 96659952	A	19940316	200201
			US 97847828	A	19940316	
EP 912056	B1	20020109	EP 94930561 EP 98120175	A	19970428	
US 6351762	B1	20020226	US 93131523 US 96664238	A	19941003	200211
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EP 899953	B1	20020327	EP 94930561 EP 98120171	A	19941003	200220
DE 69429684	E	20020228	DE 94629684 EP 98120175	A	19941003	200221
DE 69430272	E	20020502	DE 94630272	A	19941003	200222
				A	19941003	
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US 6426769	B1	20020730	EP 98120171	A	19941003	
			US 93131523	A	19931001	200254
			US 96660805	A	19960607	
			US 9872626	A	19980505	
US 6437818	B1	20020820	US 93131523	A	19931001	200257
			US 96660805	A	19960607	
			US 9872622	A	19980505	
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			US 96660461	A	19960607	
			US 97994848	A	19971219	
			US 2000702737	A	20001101	
			US 2001879460	A	20010611	
			US 2002120307	A	20020409	
CA 2297940	C	20020910	CA 2173204	A	19940316	200264
			CA 2297940	A	19940316	
US 20020154210	A1	20021024	US 93131523	A	19931001	200273
			US 96650123	A	19960607	
			US 97833511	A	19970407	
EP 721725	B1	20021009	EP 94921163	A	19940316	200274
			WO 94US2961	A	19940316	
			EP 98120173	A	19940316	
			EP 98120174	A	19940316	
			EP 99202661	A	19940316	
EP 912055	B1	20021009	EP 94921163	A	19940316	200274
			EP 98120174	A	19940316	
DE 69431525	E	20021114	DE 94631525	A	19940316	200282
			EP 94921163	A	19940316	
			WO 94US2961	A	19940316	
DE 69431536	E	20021114	DE 94631536	A	19940316	200282
			EP 98120174	A	19940316	
EP 1307038	A2	20030502	EP 94930561	A	19941003	200331
			EP 98120170	A	19941003	
			EP 200375276	A	19941003	
US 6583806	B2	20030624	US 93131523	A	19931001	200343
			US 96650123	A	19960607	
			US 97833511	A	19970407	
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			EP 98120172	A	19941003	
US 20030158901	A1	20030821	US 93131523	A	19931001	200356
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			US 2000702737	A	20001101	
			US 2001879460	A	20010611	
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			US 96660461	A	19960607	
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			US 2000702737	A	20001101	
			US 2001879460	A	20010611	
			US 2003382554	A	20030304	
DE 69433042	E	20030918	DE 94633042	A	19941003	200369
			EP 98120172	A	19941003	
US 20030225832	A1	20031204	US 93131523	A	19931001	200380
			US 96660461	A	19960607	
			US 97994848	A	19971219	
			US 2000702737	A	20001101	
			US 2001879460	A	20010611	

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			US 93131523	A	19931001	200435
			US 96660461	A	19960607	
			US 97994848	A	19971219	
			US 2000702737	A	20001101	
			US 2003721343	A	20031126	
US 20040107253	A1	20040603	US 93131523	A	19931001	200436
			US 96660461	A	19960607	
			US 97994848	A	19971219	
			US 2000702737	A	20001101	
			US 2003721385	A	20031126	
US 20040107254	A1	20040603	US 93131523	A	19931001	200436
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			US 97994848	A	19971219	
			US 2000702737	A	20001101	
			US 2003721905	A	20031126	
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			US 2000702737	A	20001101	
			US 2003722051	A	20031126	
US 6789105	B2	20040907	US 93131523	A	19931001	200459
			US 96660461	A	19960607	
			US 97994848	A	19971219	
			US 2000702737	A	20001101	
			US 2001879460	A	20010611	
			US 2002120559	A	20020409	
US 6898620	B1	20050524	US 96660805	A	19960607	200535 N
			US 9872549	A	19980505	

Priority Applications (No Type Date): US 93131523 A 19931001; US 96660460 A 19960607; US 96660805 A 19960607; US 96660461 A 19960607; US 96660880 A 19960610; US 96650123 A 19960607; US 96660418 A 19960607; US 96659952 A 19960607; US 96661530 A 19960611; US 96659949 A 19960607; US 9872542 A 19980505; US 97994848 A 19971219; US 2000702737 A 20001101; US 2001879460 A 20010611; US 97847828 A 19970428; US 96664238 A 19960607; US 9872626 A 19980505; US 9872622 A 19980505; US 2002120307 A 20020409; US 97833511 A 19970407; US 2003382553 A 20030304; US 2003382554 A 20030304; US 2002120559 A 20020409; US 2003721343 A 20031126; US 2003721385 A 20031126; US 2003721905 A 20031126; US 2003722051 A 20031126; US 9872549 A 19980505

Cited Patents: 4.Jnl.Ref; DE 3507152; EP 354370; EP 497022; EP 190060; EP 523626; EP 561381

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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GB 2282506	A	112	H04N-007/15		
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WO 9510157	A1	116	H04N-007/15		
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Designated States (National): AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB HU JP KP KR KZ LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE

WO 9510158	A2	102	H04N-007/15		
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Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RU SD SE SI SK TJ TT UA US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ

AU 9471988	A		H04N-007/15	Based on patent	WO 9510157
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AU 9479638	A		H04N-007/15	Based on patent	WO 9510158
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WO 9510158	A3		H04N-007/15		
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EP 721725	A1	E	112	H04N-007/15	Based on patent	WO 9510157
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Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

EP 721726	A1	E	112	H04N-007/15	Based on patent	WO 9510158
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Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

US 5617539 A 54 H04L-012/28 Div ex application US 93131523  
 US 5689641 A 59 H04N-007/15 Div ex patent US 5689641  
 GB 2282506 B H04N-007/15  
 US 5758079 A H04M-003/56 Div ex application US 93131523  
 Div ex patent US 5689641  
 US 5802294 A G06F-013/00 Cont of application US 93131523  
 Cont of patent US 5689641  
 CA 2204442 C H04N-007/15 Div ex application CA 2173204  
 US 5854893 A G06F-013/00 Div ex application US 93131523  
 Div ex patent US 5689641  
 EP 898424 A2 E H04N-007/15 Div ex application EP 94921163  
 Div ex patent EP 721725

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

US 5867654 A G06F-015/16 Div ex application US 93131523  
 Div ex patent US 5689641  
 EP 899952 A2 E H04N-007/15 Div ex application EP 94930561  
 Div ex patent EP 721726

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

EP 899953 A2 E H04N-007/15 Div ex application EP 94930561  
 Div ex patent EP 721726

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

EP 899954 A2 E H04N-007/15 Div ex application EP 94930561  
 Div ex patent EP 721726

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

US 5884039 A G06F-015/16 Div ex application US 93131523  
 Div ex patent US 5689641  
 EP 912055 A2 E H04N-007/15 Div ex application EP 94930561  
 Div ex patent EP 721726

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

EP 912056 A2 E H04N-007/15 Div ex application EP 94930561  
 Div ex patent EP 721726

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

US 5896500 A G06F-013/14 Div ex application US 93131523  
 Div ex patent US 5689641  
 US 5915091 A G06F-015/16 Cont of application US 93131523  
 Cont of patent US 5689641  
 EP 955765 A1 E H04M-003/56 Div ex application EP 94921163  
 Div ex patent EP 721725

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

US 5978835 A G06F-015/16 Div ex application US 93131523  
 Div ex patent US 5689641  
 CA 2290701 A1 E H04N-007/15 Div ex application CA 2173204  
 CH 690154 A5 H04N-007/15  
 CA 2296181 A1 E H04N-007/15 Div ex application CA 2173209  
 CA 2296182 A1 E H04N-007/15 Div ex application CA 2173209  
 CA 2296185 A1 E H04N-007/15 Div ex application CA 2173209  
 CA 2296187 A1 E H04N-007/15 Div ex application CA 2173209  
 CA 2296189 A1 E H04N-007/15 Div ex application CA 2173209  
 CA 2297940 A1 E H04N-007/15 Div ex application CA 2173204  
 CA 2173204 C E H04N-007/15 Based on patent WO 9510157  
 CA 2296182 C E H04N-007/15 Div ex application CA 2173209  
 EP 721726 B1 E H04N-007/15 Related to application EP 98120170  
 Related to application EP 98120171  
 Related to application EP 98120172  
 Related to application EP 98120175  
 Related to patent EP 899952

Related to patent EP 899953  
 Related to patent EP 899954  
 Related to patent EP 912056  
 Based on patent WO 9510158

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

CA 2173209 C E H04N-007/15 Based on patent WO 9510158  
 DE 69426456 E H04N-007/15 Based on patent EP 721726  
 Based on patent WO 9510158

US 6212547 B1 G06F-015/16 Div ex application US 93131523  
 Cont of application US 96660805  
 Div ex patent US 5689641  
 Cont of patent US 5758079  
 Cont of application US 93131523  
 Cont of application US 96660461  
 Cont of patent US 5689641  
 Cont of patent US 5802294

US 6237025 B1 G06F-013/00 Div ex application CA 2173209  
 Div ex application EP 94921163  
 Div ex patent EP 721725

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

US 20010044826 A1 G06F-015/16 Cont of application US 93131523  
 Cont of application US 96660461  
 Div ex application US 97994848  
 Div ex application US 2000702737  
 Cont of patent US 5689641  
 Cont of patent US 5802294  
 Div ex patent US 6237025

DE 69428725 E H04N-007/15 Based on patent EP 898424  
 US 6343314 B1 G06F-015/00 Cont of application US 93131523  
 Cont of application US 96659952  
 Cont of patent US 5689641  
 Cont of patent US 5896500  
 Div ex application EP 94930561  
 Div ex patent EP 721726

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

US 6351762 B1 G06F-015/16 Cont of application US 93131523  
 Cont of patent US 5689641

EP 899953 B1 E H04N-007/15 Div ex application EP 94930561  
 Div ex patent EP 721726

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

DE 69429684 E H04N-007/15 Based on patent EP 912056  
 DE 69430272 E H04N-007/15 Based on patent EP 899953  
 US 6426769 B1 H04N-007/14 Cont of application US 93131523  
 Cont of application US 96660805  
 Cont of patent US 5689641  
 Cont of patent US 5758079

US 6437818 B1 H04N-007/14 Cont of application US 93131523  
 Cont of application US 96660805  
 Cont of patent US 5689641  
 Cont of patent US 5758079

US 20020124051 A1 G06F-015/16 Cont of application US 93131523  
 Cont of application US 96660461  
 Div ex application US 97994848  
 Div ex application US 2000702737  
 Div ex application US 2001879460  
 Cont of patent US 5689641  
 Cont of patent US 5802294  
 Div ex patent US 6237025

CA 2297940 C E H04N-007/15 Div ex application CA 2173204  
 US 20020154210 A1 H04N-007/14 Cont of application US 93131523  
 Cont of application US 96650123  
 Cont of patent US 5689641 .  
 Cont of patent US 5867654

EP 721725 B1 E H04N-007/15 Related to application EP 98120173  
 Related to application EP 98120174  
 Related to application EP 99202661  
 Related to patent EP 898424  
 Related to patent EP 912055  
 Related to patent EP 955765  
 Based on patent WO 9510157

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

EP 912055 B1 E H04N-007/15 Div ex application EP 94921163  
 Div ex patent EP 721725

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

DE 69431525 E H04N-007/15 Based on patent EP 721725  
 Based on patent WO 9510157

DE 69431536 E H04N-007/15 Based on patent EP 912055

EP 1307038 A2 E H04M-003/56 Div ex application EP 94930561  
 Div ex application EP 98120170  
 Div ex patent EP 721726  
 Div ex patent EP 899952

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LT LU  
 MC NL PT SE

US 6583806 B2 H04N-007/14 Cont of application US 93131523  
 Cont of application US 96650123  
 Cont of patent US 5689641

EP 899952 B1 E H04N-007/15

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

US 6594688 B2 G06F-013/00 Cont of application US 93131523  
 Cont of application US 96660461  
 Div ex application US 97994848  
 Div ex application US 2000702737  
 Cont of patent US 5689641  
 Cont of patent US 5802294  
 Div ex patent US 6237025

DE 69432803 E H04N-007/15 Based on patent EP 899952

EP 899954 B1 E H04N-007/15 Div ex application EP 94930561  
 Div ex patent EP 721726

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

US 20030158901 A1 G06F-015/16 Cont of application US 93131523  
 Cont of application US 96660461  
 Div ex application US 97994848  
 Div ex application US 2000702737  
 Div ex application US 2001879460  
 Cont of patent US 5689641  
 Cont of patent US 5802294  
 Div ex patent US 6237025

US 20030187940 A1 G06F-015/16 CIP of application US 93131523  
 Cont of application US 96660461  
 Div ex application US 97994848  
 Div ex application US 2000702737  
 Div ex application US 2001879460  
 CIP of patent US 5689641  
 Cont of patent US 5802294  
 Div ex patent US 6237025  
 Div ex patent US 6594688

DE 69433042 E H04N-007/15 Based on patent EP 899954  
 US 20030225832 A1 G06F-015/16 Cont of application US 93131523  
 Cont of application US 96660461

US 20040103152 A1	G06F-015/16	Div ex application US 97994848 Div ex application US 2000702737 Div ex application US 2001879460 Cont of patent US 5689641 Cont of patent US 5802294 Div ex patent US 6237025 Div ex patent US 6594688 Cont of application US 93131523 Cont of application US 96660461 Cont of application US 97994848 Cont of application US 2000702737 Cont of patent US 5689641 Cont of patent US 5802294 Cont of patent US 6237025 Cont of application US 93131523 Cont of application US 96660461 Cont of application US 97994848 Cont of application US 2000702737 Cont of patent US 5689641 Cont of patent US 5802294 Cont of patent US 6237025 Cont of application US 93131523 Cont of application US 96660461 Cont of application US 97994848 Cont of application US 2000702737 Cont of patent US 5689641 Cont of patent US 5802294 Cont of patent US 6237025 Cont of application US 93131523 Cont of application US 96660461 Cont of application US 97994848 Cont of application US 2000702737 Cont of patent US 5689641 Cont of patent US 5802294 Cont of patent US 6237025 Cont of application US 93131523 Cont of application US 96660461 Cont of application US 97994848 Cont of application US 2000702737 Cont of patent US 5689641 Cont of patent US 5802294 Cont of patent US 6237025 Cont of application US 93131523 Cont of application US 96660461 Div ex application US 97994848 Div ex application US 2000702737 Div ex application US 2001879460 Cont of patent US 5689641 Cont of patent US 5802294 Div ex patent US 6237025 Cont of application US 96660805 Cont of patent US 5758079
US 6789105	B2	G06F-015/16
US 6898620	B1	G06F-015/173

**Abstract (Basic): GB 2282506 A**

The real-time network is used for audio and video. The async. network is used for control signals and textual, graphical and other data. An AV path (13) carries signals among the work-stations. A video mosaic generator combines images.

Geographically dispersed LANs (10) interconnected by a WAN (15) can reduce demands made on the latter by employing multi-hopping, including avoidance of unnecessary decompression of data at intermediate hops, as well as video mosaicing and cut-and-paste facilities.

**USE/ADVANTAGE** - Closely approximates experience of face-to-face collaboration. System architecture readily scalable to largest enterprise network environments. Accommodates differing levels of collaborative capabilities available to individual users and permits high quality audio and video capabilities to be readily super imposed onto existing personal computers and work-stations.

Dwg. 1/42

**Title Terms:** TELECONFERENCE; SYSTEM; SEPARATE; REAL-TIME; ASYNCHRONOUS; NETWORK; COUPLE; DISTRIBUTE; VIDEO; MOSAIC; GENERATOR; AV; PATH; COMBINATION; PORTION; MOSAIC; IMAGE; CAPTURE; IMAGE; THIRD; PARTICIPATING

Derwent Class: T01; W02

International Patent Class (Main): G06F-013/00; G06F-013/14; **G06F-015/00** ;  
**G06F-015/16** ; **G06F-015/173** ; H04L-012/28; H04M-003/56; H04N-007/14;  
H04N-007/15

International Patent Class (Additional): G06F-017/30; H04L-012/00;  
H04L-012/18; H04L-012/46; H04M-003/42; H04M-003/50; H04Q-005/02

File Segment: EPI

Set	Items	Description
S1	289975	INTERACTIV? OR REALTIME? OR REAL()TIME? OR DYNAMIC? OR LIVE
S2	1808	S1(3N) (MESSAG? OR CHAT? OR TEXT? OR CHATROOM?)
S3	1164	S2 AND IC=(G06F? OR H04L?)
S4	1097	S3 NOT AD=19931001:19951001
S5	1005	S4 NOT AD=19951001:19971001
S6	848	S5 NOT AD=19971001:19991001
S7	487	S6 NOT AD=19991001:20011001
S8	182	S7 NOT AD=20011001:20031001
S9	166	S8 NOT AD=20031001:20050901
S10	2240434	ADDRESS? OR LOCATION? OR CONTACT?
S11	20	S9 AND S10
S12	43	S9 AND (MEMBER? OR USER? OR INDIVIDUAL? OR CALLER? OR RECIPIENT? OR SENDER?)
S13	18	S12 AND (MULTIPL? OR PLURAL OR PLURALITY OR MANY OR SEVERAL OR DIFFERENT OR VARIOUS?)
S14	35	S11 OR S13
S15	18	S14 AND IC=(G06F-015? OR H04L-012?)
S16	18	S14 AND IC=(G06F-015 OR H04L-012)
S17	18	IDPAT (sorted in duplicate/non-duplicate order)
S18	18	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)  
(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200544  
(c) 2005 Thomson Derwent

18/5/5 (Item 5 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

008300786 \*\*Image available\*\*

WPI Acc No: 1990-187787/199025

XRPX Acc No: N90-146049

Conversation analysing video communication system - has message switching interface routing data and controlled subscriber key-stations working in real-time

Patent Assignee: REUTERS LTD (REUT-N)

Inventor: ORDISH C J; RICHARDS J M

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2226217	A	19900620	GB 8923936	A	19891024	199025 B
GB 2226217	B	19930127	GB 8923936	A	19891024	199304
US 5195031	A	19930316	US 88261984	A	19881024	199313

Priority Applications (No Type Date): US 88261984 A 19881024

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 5195031	A	308		G06F-015/21	
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GB 2226217	B			H04M-011/06	
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Abstract (Basic): GB 2226217 A

The system has at least a portion of a number of subscriber terminals comprising subscriber key stations. Each of the subscriber key stations comprise a video display for providing a textual display of data input to the network. The network includes a message switching interface network for routing video conversational textual data throughout the network, and at least one conversation analysing key station terminal controller interface routing data input by the one subscriber key station to another designated subscriber key station through the message switching interface network and for receiving data input to the message switching interface network by the designated other subscriber key station for controlling communication of the conversation between them.

The conversation analysing key station terminal controller comprises appts. for analysing the conversation substantially in real time for providing messages in conjunction with the conversation based on the real time conversation analysis.

USE - Subscriber to subscriber video data communication in conversational mode for e.g. commodity dealing.

Dwg.1/34

Title Terms: CONVERSATION; ANALYSE; VIDEO; COMMUNICATE; SYSTEM; MESSAGE; SWITCH; INTERFACE; ROUTE; DATA; CONTROL; SUBSCRIBER; KEY; STATION; WORK; REAL-TIME

Derwent Class: T05; W01; W02

International Patent Class (Main): G06F-015/21 ; H04M-011/06

File Segment: EPI

18/5/14 (Item 14 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

04551138 \*\*Image available\*\*

INFORMATION PROCESSOR UTILIZING AND ACQUIRING **USER** INFORMATION

PUB. NO.: 06-223038 [JP 6223038 A]  
PUBLISHED: August 12, 1994 (19940812)  
INVENTOR(s): UYAMA MASASHI  
HITAI YUTAKA  
APPLICANT(s): PERSONAL JOHO KANKYO KYOKAI [000000] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 03-172822 [JP 91172822]  
FILED: July 12, 1991 (19910712)  
INTL CLASS: [5] **G06F-015/00 ; G06F-009/46**  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.1  
(INFORMATION PROCESSING -- Arithmetic Sequence Units)  
JOURNAL: Section: P, Section No. 1827, Vol. 18, No. 606, Pg. 16,  
November 17, 1994 (19941117)

ABSTRACT

PURPOSE: To carry on a process matching a **user** target by dynamically  
taking necessary **user** information independently of the processing out of  
communication data and utilizing the information.

CONSTITUTION: This information processor is equipped with a task execution  
device 3 which carries out the information processing, a **user** interface  
device 1 which performs interaction with a **user**, a shared medium 2 on  
which a device group reads and writes **various** messages, and a **user**  
information management unit 4 which manages a coordinate table 42

containing information 41 regarding the **user**, access/update procedures  
for the information regarding the **user**, and message patterns for  
actuating those procedures. Then the task execution device 3 and **user**  
interface device 1 carry on **user**'s tasks **interactively** by a **message**  
communication passed through the shared medium 2 and the **user**  
information management unit 4 monitors messages sent out to the shared  
medium 2, matches them with the message patterns managed by itself, and  
actuates access procedures and update procedures corresponding to the  
matching patterns.

Set	Items	Description
S1	9095	TELECONF? OR VIDEOCONF? OR (TELE OR VIDEO) () (MESSAG? OR CONFERENCE?) OR CHATROOM? OR CHAT() ROOM? ? OR IRC OR INTERNET() RELAY() (CHAT OR CHATS OR CHATTING) OR (NETWORKED OR DISTRIBUTED OR SHARED) () (WORKSPACE? OR WORK() SPACE? ?) OR WHITEBOARD?
S2	1712479	DESKTOP? OR WORKSTATION? OR COMPUTER OR PC OR NETWORK() NODE? OR WORK() STATION? OR TERMINAL? ?
S3	2430088	MEMBER? OR USER? OR INDIVIDUAL? OR PERSON OR CALLER? ? OR SPEAKER? OR RECIPIENT? OR SENDER?
S4	1788291	ADDRESS? OR LOCATION? OR WHEREABOUT? OR CONNECTION? OR PLACE OR PLACES OR MAILBOX?
S5	14442	LOGIN OR LOGON OR (SIGN OR LOG OR LOGS OR LOGGING OR LOGGED OR SIGNED OR SIGNING) () (IN OR ON) OR ESTABLISH() CONNECTION? - OR SIGNON? OR SIGNING?
S6	353385	REALTIME? OR DYNAMIC? OR INTERACTIV? OR LIVE? OR ON() FLY OR REAL() TIME?
S7	6032	(ADDRESS OR CONTACT) (N) (BOOK OR BOOKS OR LIST OR LISTS) OR MAILBOX? OR MAIL() (BOX OR BOXES) OR ADDRESSBOOK?
S8	770	S1 AND S3 AND (S4 OR S5)
S9	144	S8 AND S6
S10	20	S8 AND S7
S11	78	S9 AND S2
S12	4	S1 AND S3 AND S7 AND S6
S13	162	S9:S12
S14	143	S13 NOT AD=19931001:19961001
S15	107	S14 NOT AD=19961001:19991001
S16	15	S15 NOT AD=19991001:20031001
S17	9	S16 NOT AD=20031001:20050711
S18	373	S8 AND IC=(G06F OR H04L)
S19	328	S18 NOT AD=19931001:19961001
S20	265	S19 NOT AD=19961001:19981001
S21	139	S20 NOT AD=19981001:20011001
S22	30	S21 NOT AD=20011001:20031001
S23	17	S22 NOT AD=20031001:20050711
S24	24	S23 OR S17
S25	24	IDPAT (sorted in duplicate/non-duplicate order)
S26	24	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Nov 1976-2005/Feb (Updated 050606)

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File 350:Derwent WPIX 1963-2005/UD,UM &UP=200543

(c) 2005 Thomson Derwent

26/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009509890

WPI Acc No: 1993-203426/199325

XRPX Acc No: N93-156465

Distribution testing for initiating teleconferences - selecting one of available options, which provides distribution list of callers, initiating and placing calls sequentially, and feeding back call status e.g. busy, connected etc. to originator

Patent Assignee: ANONYMOUS (ANON )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 349036	A	19930510	RD 93349036	A	19930420	199325 B

Priority Applications (No Type Date): RD 93349036 A 19930420

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
RD 349036	A	1		H04M-000/00	

Abstract (Basic): RD 349036 A

The method provides the following selections e.g. an **Address Book** Menu Action, allowing a **user** to select the appropriate distribution list from the **address book** and then select a ''**Teleconference** '' action from a pull-down or pop-up menu; a Telephone Function, from which a **user** can select a list from **Address Book** and drag it to a Telephone window, to signal the function to set up a **teleconference** with the entries in the list; A **Teleconference** icon, where an icon appears on the desktop so that a **user** can drag distribution list icons from the **address book** to this **Teleconference** icon to invoke the function. Once invoked, a list of entries from the distribution list is presented so that the **user** can see whom will be called. The **user** may tailor this list before placing any calls. The **user** clicks on a pushbutton to initiate the calls. The system then **places** the calls sequentially, but nearly simultaneously.

As the calls are placed, the system provides feedback to the **caller** regarding the status of each call. The original list of entries remains displayed as the calls are placed, and each entry is updated with the current call status. Possible status includes ringing, busy, connected, and no answer. Voice mail devices would be detected and presented as a no answer. As each call is connected, the attendee is automatically patched in and the **caller** can greet them, and the **caller** receives status on-line as each call is connected.

**ADVANTAGE** - Allows **users** with telephones connected to their workstations to use distribution lists to initialise and set-up **teleconferences** automatically. Does not wait for attendee to answer before placing next call.

Dwg.0/0

Title Terms: DISTRIBUTE; TEST; INITIATE; SELECT; ONE; AVAILABLE; OPTION; DISTRIBUTE; LIST; CALL; INITIATE; **PLACE** ; CALL; SEQUENCE; FEED; BACK; CALL; STATUS; BUSY; CONNECT

Derwent Class: W01

International Patent Class (Main): H04M-000/00

File Segment: EPI

26/5/20 (Item 20 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

04244773 \*\*Image available\*\*  
VIDEO CONFERENCE SYSTEM

PUB. NO.: 05-236473 [JP 5236473 A]  
PUBLISHED: September 10, 1993 (19930910)  
INVENTOR(s): YAMADA NOBUYUKI  
APPLICANT(s): NEC COMMUN SYST LTD [491066] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 04-072126 [JP 9272126]  
FILED: February 24, 1992 (19920224)  
INTL CLASS: [5] H04N-007/15; G06F-015/00 ; H04M-011/06  
JAPIO CLASS: 44.6 (COMMUNICATION -- Television); 44.4 (COMMUNICATION --  
Telephone); 45.4 (INFORMATION PROCESSING -- Computer  
Applications)  
JOURNAL: Section: E, Section No. 1480, Vol. 17, No. 695, Pg. 150,  
December 20, 1993 (19931220)

#### ABSTRACT

PURPOSE: To enable a user to receive arbitrary video conference service only with the knowledge of an installation place and a name without knowing a conference terminal number.

CONSTITUTION: When connection is requested from a terminal 1 on a user side, a picture exchange 5 controls the connection function and the communication function to send an initial menu picture to the terminal 1 on the user side. The user sees the picture to select contents displayed on the picture, thus performing required selection.

26/5/21 (Item 21 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04010860 \*\*Image available\*\*  
COMMON WORK DEVICE

PUB. NO.: 05-002560 [JP 5002560 A]  
PUBLISHED: January 08, 1993 (19930108)  
INVENTOR(s): KAMISANGOU MAKI  
KATSURABAYASHI HIROSHI  
APPLICANT(s): FUJI XEROX CO LTD [359761] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 03-178870 [JP 91178870]  
FILED: June 25, 1991 (19910625)  
INTL CLASS: [5] G06F-015/00  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1541, Vol. 17, No. 262, Pg. 88, May  
24, 1993 (19930524)

#### ABSTRACT

PURPOSE: To enable a person to rewrite data in a shared work space or an operator to easily transfer data between plural work stations by specifying a destination to be transmitted by simple data transmitting destination information.

CONSTITUTION: This common work device is provided with an input/output(I/O) managing device 21 for managing I/O from/to an operator, a communication control device 23, a transmitting destination managing table 26 correspondingly storing representation configuration information for specifying a transmitting destination and transmitting destination address information, a data transmitting destination identifying device 22b for finding out the address information of a transmitting destination from inputted transmitting destination specifying information, a communication data preparing device 22c for preparing communication data, a communication data analyzer 24a for identifying and separating the communication contents data from address information, a transmitting destination managing table 27 for managing the validity/invalidity of data transmission to respective application softwares in the common work device, and a data transmitting destination identifying device 24c for identifying the application software of a transmitting destination by referring the table 27.

26/5/23 (Item 23 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03664336 \*\*Image available\*\*  
**VIDEO CONFERENCE SYSTEM AMONG MULTIPLE LOCATIONS**

PUB. NO.: 04-029436 [JP 4029436 A]  
PUBLISHED: January 31, 1992 (19920131)  
INVENTOR(s): BABA MASAYUKI  
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 02-132993 [JP 90132993]  
FILED: May 23, 1990 (19900523)  
INTL CLASS: [5] H04L-012/18 ; H04M-003/56  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 44.4 (COMMUNICATION -- Telephone); 44.6 (COMMUNICATION -- Television)  
JOURNAL: Section: E, Section No. 1200, Vol. 16, No. 196, Pg. 137, May 12, 1992 (19920512)

**ABSTRACT**

PURPOSE: To effectively use a line by transmitting only video data required by a reception terminal to each terminal by inter-multiple point communication control equipment.

CONSTITUTION: When the **user** of a **video conference** terminal 3 desires to observe the video of a **video conference** terminal 2, and the **video conference** terminal 3 sends a request terminal number 11, the inter-multiple point communication control equipment 7 sends a **video delivery start instruction** 12 which issues an instruction to instruct so as to start the delivery of **video packaged data** to the **video conference** terminal 2 representing the request terminal number. Also, it issues a **video delivery completion instruction** 13 to instruct so as to complete the delivery of the **video packaged data** to a **video conference** terminal 1 delivering the **video packaged data** to the **video conference** terminal 3 at present. In such a way, no unrequired **video data** is transmitted by receiving only one piece of **ground video data** required for the **user** with the **video conference** terminal 3.

26/5/24 (Item 24 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

03082943 \*\*Image available\*\*  
PICTURE COMMUNICATING SYSTEM

PUB. NO.: 02-058443 [JP 2058443 A]  
PUBLISHED: February 27, 1990 (19900227)  
INVENTOR(s): SATO YUICHI  
SHIMAMURA KAZUNORI  
OKUDA HIDENORI  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese  
Company or Corporation), JP (Japan)  
APPL. NO.: 63-208225 [JP 88208225]  
FILED: August 24, 1988 (19880824)  
INTL CLASS: [5] H04L-012/18 ; H04N-007/13  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 44.6 (COMMUNICATION --  
Television)  
JOURNAL: Section: E, Section No. 927, Vol. 14, No. 225, Pg. 150, May  
14, 1990 (19900514)

#### ABSTRACT

PURPOSE: To simultaneously transmit and display pictures without switching a human being image, and pictures and writings in a **video conference** system by using a packet line to simultaneously transmits plural pictures and a packet multiplexing/separating means.

CONSTITUTION: Input signals from a camera 1 for the human being image and a camera 3 from the pictures and writings are encoded and converted by video encoders 5 and 7, sound signals from a microphone 13 are encoded and converted by a voice encoder/decoder 17, and respectively inputted to a packet multiplexing/separating device 32. The packed line 34 can know a ground sent by an **address** code, and the arrived packet detects signal classification by a packet multiplexing/separating device 33, decodes it by respective video decoders 26 and 24, and simultaneously monitor-displays on monitors 22 and 20 for the pictures and writings and for the human being image. The sound signals from an input/output terminal 44 are decoded by a voice encoder/decoder 18, and outputted from a **speaker** 16. Thus, the **video conference** can be executed on both A and B sides while the motions of the human being image, and the pictures and writings are being observed.

Set	Items	Description
S1	542	AU=(BURNS E? OR BURNS, E?)
S2	209	AU=(BURNETT G? OR BURNETT, G?)
S3	135	AU=(LANTZ K? OR LANTZ, K?)
S4	10	AU=(LAUWERS J? OR LAUERS, J?)
S5	305	AU=(LUDWIG L? OR LUDWIG, L?)
S6	0	S1 AND S2 AND S3 AND S4 AND S5
S7	12	S1:S5 AND (VIDEOCONFERENC? OR TELECONFERENC? OR WHITEBOARD? OR SHARED()WORKSPACE? OR DISTRIBUTED()WORKSPACE? OR (TELE OR VIDEO) ()(CONFERENC? OR MESSAG?))
S8	8	RD (unique items)
File	2:INSPEC 1969-2005/Jul W1	(c) 2005 Institution of Electrical Engineers
File	6:NTIS 1964-2005/Jul W1	(c) 2005 NTIS, Intl Cpyrght All Rights Res
File	8:Ei Compendex(R) 1970-2005/Jul W1	(c) 2005 Elsevier Eng. Info. Inc.
File	34:SciSearch(R) Cited Ref Sci 1990-2005/Jul W1	(c) 2005 Inst for Sci Info
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File	95:TEME-Technology & Management 1989-2005/Jun W1	(c) 2005 FIZ TECHNIK
File	99:Wilson Appl. Sci & Tech Abs 1983-2005/May	(c) 2005 The HW Wilson Co.
File	636:Gale Group Newsletter DB(TM) 1987-2005/Jul 11	(c) 2005 The Gale Group

8/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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04004265 INSPEC Abstract Number: C91073005

Title: **Multidimensional audio window management**

Author(s): Cohen, M.; Ludwig, L.F.

Author Affiliation: Northwestern Univ., Evanston, IL, USA

Journal: International Journal of Man-Machine Studies vol.34, no.3

p.319-36

Publication Date: March 1991 Country of Publication: UK

CODEN: IJMMBC ISSN: 0020-7373

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Proposes an organization of presentation and control that implements a flexible audio management system the authors call 'audio windows'. The result is a new user interface integrating an enhanced spatial sound presentation system, an audio emphasis system, and a gestural input recognition system. They have implemented these ideas in a modest prototype, also described, designed as an audio server appropriate for a teleconferencing system. Their system combines a gestural front end (currently based on a DataGlove, but whose concepts are appropriate for other devices as well) with an enhanced spatial sound system, a digital signal processing separation of multiple sound sources, augmented with 'filters', audio feedback cues that convey added information without distraction or loss of intelligibility. Their prototype employs a manual front end (requiring no keyboard or mouse) driving an auditory back end (requiring no CRT or visual display). (31 Refs)

Subfile: C

Descriptors: audio systems; **teleconferencing** ; user interfaces

Identifiers: audio window management; flexible audio management system; user interface; spatial sound presentation system; gestural input recognition system; audio server; **teleconferencing** system; gestural front end; DataGlove; digital signal processing; audio feedback cues; requiring no CRT or visual display

Class Codes: C6180 (User interfaces); C7100 (Business and administration)

8/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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03864070 INSPEC Abstract Number: B91027029, C91031322

Title: Integration of CAD/CAE with multimedia teleconferencing and messaging via broadband networks and shared resource servers

Author(s): Ludwig, L.F.

Author Affiliation: Bell Commun. Res., Red Bank, NJ, USA

Conference Title: Systems Integration '90. Proceedings of the First International Conference on Systems Integration (Cat. No.90TH0309-5) p. 136-43

Editor(s): Ng, P.A.; Ramamoorthy, C.V.; Seifert, L.C.; Yeh, R.T.

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1990 Country of Publication: USA xvi+800 pp.

ISBN: 0 8186 9027 5

U.S. Copyright Clearance Center Code: TH0309-5/90/0000/0136\$01.00

Conference Sponsor: IEEE; New Jersey Inst. Technol.; ACM; AT&T; Bell Commun. Res.; Gesellschaft fur Math. & Datenverarbeitung

Conference Date: 23-26 April 1990 Conference Location: Morristown, NJ, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: It is noted that, if multimedia electronic meeting and messaging systems were tightly integrated with networked CAE/CAD (computer-aided engineering and design) resources, great value could be added to modern design projects. Work in Bellcore's Integrated Media Architecture Laboratory (IMAL) relevant to these and other related capabilities is described. A working premises-based network with shared CAD/CAE systems, conferencing, and messaging servers, encompassing video, graphics, text and audio, has been constructed as part of the Bellcore IMAL project. The example IMAL network can be duplicated with off-the-shelf products and can be extended to link multiple premise locations through the use of commonly available DS-3 codecs and telephone-company-provided DS-3 fibers. (10 Refs)

Subfile: B C

Descriptors: CAD/CAM; computer networks; electronic messaging; multimedia systems; teleconferencing

Identifiers: multimedia teleconferencing; broadband networks; shared resource servers; multimedia electronic meeting; networked CAE/CAD; computer-aided engineering and design; modern design projects; working premises-based network; shared CAD/CAE systems; conferencing; messaging servers; video; graphics; text; audio; Bellcore IMAL project; off-the-shelf products; multiple premise locations; DS-3 codecs; telephone-company-provided DS-3 fibers

Class Codes: B6210L (Computer communications); C7400 (Engineering); C6160Z (Other DBMS); C5620 (Computer networks and techniques)

8/5/6 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

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03709209 INSPEC Abstract Number: B90064345, C90058419

Title: **Collaboration awareness in support of collaboration transparency: requirements for the next generation of shared window systems**

Author(s): Lauwers, J.C.; Lantz, K.A.

Author Affiliation: Olivetti Res. California, Menlo Park, CA, USA

Journal: SIGCHI Bulletin spec. issue. p.303-11

Publication Date: April 1990 Country of Publication: USA

CODEN: SGBUD4 ISSN: 0736-6906

U.S. Copyright Clearance Center Code: 0 89791 345 0/90/0004-0303\$1.50

Conference Title: CHI '90 Conference Proceedings. Empowering People

Conference Date: 1-5 April 1990 Conference Location: Seattle, WA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: Shared window systems enable existing applications to be shared in the context of a real-time **teleconference**. The development and successful use of several such systems, albeit within limited user communities, testifies to the merits of the basic idea. However, experience to date has suggested a number of areas that have not been adequately addressed, namely: spontaneous interactions, **shared workspace** management, floor control, and annotation and telepointing. This paper focuses on the ramifications, for the software designer, of various user requirements in these areas. While the recommendations that result are motivated by the desire to enable continued use of collaboration-transparent applications, addressing them involves the development of systems software that is distinctly collaboration-aware. (30 Refs)

Subfile: B C

Descriptors: **teleconferencing** ; user interfaces

Identifiers: collaboration transparency; shared window systems; real-time **teleconference** ; spontaneous interactions; **shared workspace** management ; floor control; annotation; telepointing; user requirements

Class Codes: B6210P (Teleconferencing); B6430J (Applications of television systems); C6180 (User interfaces)